St Lucie Unit 2

ENVIRONMENTAL QUALIFICATION REPORT AND GUIDEBOOK REVISION NO. 3

INSTRUCTION SHEET

Each revised and new page bears the notation Revision 3, (8/82) at the bottom of the page. Vertical bars with the number 3 have been used in the margin of existing pages, as applicable, to indicate the location of the revision on the page or the insertion of a new page.

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FOREWORD

Florida Power & Light Company, as well as its Architect-Engineer (Ebasco) and Nuclear Steam Supply System Supplier (CE), have extensive nuclear experience.

In the normal course of designing and operating nuclear power plants FP&L and its contractors have routinely specified safety-related equipment to meet all the environmental qualification requirements for various PWRs. In this respect the normal scope of work always consists of the following:

a) Establish and/or analyze the environmental conditions (radiation, pressure, temperature, humidity, chemical spray, seismic, etc.).

b) Specify the applicable codes and test procedures.

c) Evaluate vendor proposals, qualification test programs and procedures.

d) Review and evaluate test reports and other documentation; both engineering assessment and analysis techniques are employed.

e) Inspect vendor facilities and equipment from a Quality Assurance standpoint.

Since 1971 FP&L and its contractors have been reviewing qualification programs for its nuclear projects based on compliance with IEEE-323 (-71 or -74, as applicable) "Standard For Qualifying Class IE Equipment For Nuclear Power Generating Stations". Although new requirements and concerns expressed by the NRC have amplified the environmental qualification efforts, the basic concepts remain unchanged.

To demonstrate the adequacy of the Florida Power & Light qualification effort to the satisfaction of the NRC EQ Branch, the following commitments were voluntarily offered by FP&L in support of the Operating License for St. Lucie Unit 2:

a) Amend FSAR with substantial EQ program description 16 months prior to operating license (OL). This is a full year before the submittal requirement date established by letters of the Office of Nuclear Reactor Regulation. This was accomplished in Amendment 4 to the FSAR (6/81).

b) Submit substantial information (on a proprietary basis) describing the A/E methods for review and analysis (i.e., an Environmental Qualification Guidebook). During preparation of this document it was decided to incorporate the guidebook data directly into this report with appropriate appendices on a non-proprietary basis to enhance the NRC review.

c) Submit detailed information on harsh environment located equipment 11 months prior to OL (i.e., November 30, 1981 for an October 28, 1982 OL).

d) The "mild environment" equipment qualification has been clarified by Rule Making 82-207 affirmation[19]. 3

> The staff believes that the requirements for equipment located in mild environments are not "qualification requirements" but "QA requirements." The staff further believes that the general quality and surveillance requirements applicable to safety-related equipment as a result of other Commission regulations (including 10CFR Part 50, Appendix B) and Regulatory Guide 1.33 are sufficient to ensure the adequate performance of safety-related electric equipment located in a mild environment. 3

Submittal of this St. Lucie Unit 2 Environmental Qualification Report and Guidebook, supplemented with the St. Lucie Unit 2 Master Lists and St. Lucie Unit 2 Component Evaluation Sheets, substantially completes the commitment for submittal of data to the NRC.

Florida Power & Light expects to submit additional data to the NRC upon completion of several "state-of-the-art" environmental qualification test programs now underway (e.g., in-containment pressure and level transmitters are being generically tested to IEEE-323-1974 to envelop St. Lucie Unit 2 requirements). Furthermore, equipment added late in the plant design to comply with NUREG 0737, Regulatory Guide 1.97 Rev 2, etc. as described in FSAR Section 1.9 will necessitate additional updates. 2

Revision 2 to this guidebook was provided to indicate on a specific equipment item basis whether installation is complete, for equipment located in a potentially harsh environment. This revision aided the NRC during the NRC site audit. 3

All equipment will be demonstrated fully qualified or qualified for initial operation by the Operating License date. A schedule for completion of outstanding "punchlist" items is included in Volume 4 of this "Guidebook". 2 3

The conclusion of the Environmental Qualification Program is that there exists a systematic, auditable, and thorough approach to provide tangible evidence that environmental qualification requirements are met for the nuclear safety related electrical equipment enveloped by NUREG 0588 and IEEE-323. This program will continue throughout plant operating life. 2 3

Mechanical nuclear safety-related components are not specifically addressed by this report and guidebook. However, the quality activities described in subparagraphs a-e, above, are also being utilized for mechanical equipment.

Furthermore, mechanical components which perform a nuclear safety-related function are designed and fabricated to Regulatory Guide 1.26 (per FSAR Subsection 3.2.2), quality groups and corresponding safety classes of ANSI N18.2. The appropriate requirements of the ASME P&UC Section III are also utilized. FSAR Section 3.11 paragraph 3.11.2 which formed the basis for the St Lucie 2 SER states as follows: 2

> Mechanical safety-related equipment forming a pressure boundary is designed, procured, fabricated, tested, and documented to be in accordance with the ASME Section III appropriate to the component. Consequently, it is tested and analyzed to be acceptable for its application.

Materials not traceable to the above mentioned codes which are used for packing "O" rings, or other applications are selected or pre-engineered to meet the environmental conditions for which they must function. Such conditions are clearly included in the technical specifications. Upon issuance of the impending "draft" mechanical equipment qualification requirements, Florida Power and Light Company will participate with the NRC and industry to determine the appropriate and necessary degree of additional requirements, if any, for the mechanical equipment. 2

The information provided herein on non-electrical equipment exceeds the requirements of the Commission's Memorandum and Order, CLI-80-21, which, "required the environmental qualification of only safety-related electrical equipment" which was clarified in Answer 2 to Generic Letter 82-09(16). 3

Consistent with NRC requests, equipment located in a mild environment is not specifically included in the Component Evaluation Sheets (CES) of Volume 3. In general, accordance with the recently issued Standard Review Plan(18) Section 3.11 (Revision 2 July 1981) the following procedure is followed: 2 3

> The documentation required to demonstrate qualification of equipment in a mild environment are the "Design/Purchase" specifications. The specifications contain a description of the functional requirements for its specific environmental zone during normal and abnormal environmental conditions. A well supported maintenance/surveillance program in conjunction with a good preventive maintenance program will suffice to assure that equipment that meets the design/purchase specifications is qualified for the designed life. FP&L is developing such a program for the plant operating phase. 2

In addition, all Class IE equipment specifications are reviewed against the latest available environmental data to assure the adequacy of the equipment procured. In lieu of qualification based on an intensive maintenance/ surveillance programs the applicant may specifically review the various mild environment equipment with the same rigor as harsh environment equipment to establish that EQ based maintenance/surveillance is not needed.

1.0 INTRODUCTION

The NRC has issued NUREG-0588, "Interim Staff Position On Environmental Qualification of Safety-Related Electrical Equipment", dated November 1979(1). In letters dated February 5(2), and 21, 1980(3), the NRC requested that operating license applicants address their compliance with the positions of NUREG-0588.

On April 23, 1981, Florida Power & Light and their Architect/Engineer Ebasco, met with members of the Equipment Qualification (EQ) Branch of the NRC staff. At that meeting the applicant's program for environmental qualification was discussed and agreed to and included a schedule for submittal of additional EQ data as an appendix or supplement to Section 3.11 of the FSAR. The schedule for submittal of significant applicant data was as follows:

a) Submit appendix to Section 3.11 of FSAR by June 30, 1981 which would document FP&L program described orally on April 23, 1981. This submittal, of an EQ program overview, was provided as FSAR Appendix 3.11B in Amendment 4 on June 29, 1981. 3

b) Submit on a proprietary basis, an Environmental Qualification (EQ) Guidebook, hereafter referred to as the Guidebook, which describes the methodology, analytical tools, checklists, test methods, QA programs, and other engineering guidance used to assure environmental qualification adequacy. Those portions of the Guidebook directly applicable to NRC review have been incorporated into this report as part of the text or supplied as Appendices. In order to prevent duplication of information, the concept of a separate Guidebook submittal has been abandoned. All pertinent information is located in this report or is available for audit in the Central File.

c) Submit information, in general accord with NUREG-0588 Appendix E, for nuclear safety-related electric equipment in harsh environments by November 30, 1981 (being submitted with this report).

d) Submit information, in general accord with NUREG-0588, Appendix E, for nuclear safety-related electric equipment in mild environments in 1982. This was to have addressed the issuance of NRC guidance on mild environment located equipment expected in June/July 1981.

The NRC intensive four day meeting (July 7-10, 1981) listed in the Federal Register (Vol. 46, No. 112, June 11, 1981) as "NRC Requirements Regarding the Environmental Qualification of Safety-Related Electrical Equipment" presented new NRC "draft" positions such as NRC "acceptable qualification of mild environment equipment", NRC "acceptable qualification and screening methods" and other significant information including a schedule for issuance of mild environment guidance in September 1981 in lieu of June/July 1981. In addition the applicant is cognizant of the proposed rule (10CFR50.49, "Environmental and Seismic Qualification of Electric Equipment Important to Safety for Nuclear Power Plants) and proposed revision to Regulatory Guide 1.89 Rev. 1, including attendance at the July 22, 1981, November 10, 1981, February 10, and May 5, 1982 ACRS, NRC, and ACRS meetings on these matters. Consequently, the 3

Applicant instituted a re-review of the EQ program to satisfy the latest NRC clarifications, as understood by the Applicant, to assure that the harsh environment submittal included in this report maximizes the efficiency of the NRC staff review. 2

In addition, the Applicant and its A/E have participated with the NRC in various Atomic Industrial Forum workshops to establish acceptable industry positions on radiation source terms, operability, seismic design and other issues requiring resolution.

The harsh environment is considered to be an environment with a significant change (increase in environmental stress factors) due to a Design Basis Accident such as LOCA, MSLB, or High Energy Line Break or which has a significant increase in radiation due to recirculation of reactor sump fluid by the ECCS equipment (see Paragraph 1.4 (11) of NUREG-0588). A mild environment is considered to be an environment which is not subjected to significant stress due to a Design Basis Accident although the result of DBA may exceed the normal range of environmental conditions. Environmental qualification of mild environment equipment will not be based on a submittal to the NRC staff of actual data. This is consistent with the July 7-10th meetings at which time the NRC indicated they did not wish to have Component Evaluation Sheets submitted for mild environment equipment as well as NUREG 0800 Section 3.11. However, complete qualification information will be available for mild environment equipment for NRC site audit before plant operation; contingent upon NRC issuance of further guidelines of the data required. 3 3 2

Justifications for interim operation will be provided in the event that certain harsh environment equipment is not demonstrated to be fully qualified to the stringent criteria adopted by the applicant by the time of fuel loading. This justification will be in general accord with the latest applicable NRC information (SECY-82-51 dated February 4, 1982). 2 3 2 3

Subsequent to NRC and NRC contractor detailed review of this report and guidebook through Revision 1, Florida Power and Light and Ebasco again met with the Equipment Qualification Branch of the NRC staff on March 2, 1982. Again general agreement was reached on the content of the St Lucie 2 program with a schedule of activities established to support the October 1982 Fuel Load data as follows: 2

a) Issue Revision 2 to the Environmental Qualification Report and Guidebook with an end of March 1982 target date to include:

- List of Abbreviations (found in Volume 4, Tab 1 of this report)
- Updated Component Evaluation Sheets to include installation status (found in Volume 3 of this report) 3
- Updated index of computer listings (found in Volume 4, Tab 6, 7, 8 of this report)
- Updates of Master Lists (found in Volume 2 of this report)

c) Correlation of FSAR Table 3.2-1, "Design Classification of Structures, Systems and Components", with the list of systems/components included in the EQ submittal.

d) Volume 1 update to reflect latest generic industry information.

3

The revision 3 issue of the Environmental Qualification Report and Guidebook provides all this information.

An overiew of the Applicant's Equipment Qualification Process and Qualification Demonstration is shown in Figures 1-1 through 1-4.

2.0 APPLICABLE DOCUMENT AND NRC MEETING BASIS FOR EQ REQUIREMENTS

The bases for this report, in addition to those contained in FSAR Section 3.11, are:

- IE Circular 78-08, "Environmental Qualification of Safety-Related Electrical Equipment at Nuclear Power Plants".
- IE Bulletins 79-01, 79-01A, 79-01B, 79-01B Supplements 1-3, "Environmental Qualification of Class IE Equipment".
- NRC I&E Regional Meetings to clarify IEB 79-01B, February 1, 1980.
- Memorandum and Order CLI-80-21, May 23, 1980.
- D F Ross Jr, Office of Nuclear Reactor Regulation letter, "Issuance of NUREG-0588, "Interim Staff Position on Equipment Qualification of Safety-Related Electrical Equipment", dated February 5, 1980.
- D F Ross Jr, ONRR letter, "Qualification of Safety-Related Electric Equipment", dated February 21, 1980.
- NRC I&E Regional Meetings to clarify IEB 79-01B, July 14, 1980.
- Public Meeting September 26, 1980, "Clarification of TMI Action Plan Requirements" held in Atlanta, Georgia by the ONRR staff.
- Darrell G Eisenhut, ONRR letter, "Environmental Qualification of Safety-Related Equipment" dated October 1, 1980.
- Darrell G Eisenhut, ONRR letter, "Orders on Environmental Qualification of Safety-Related Electrical Equipment (October 24, 1980)", dated November 26, 1980.
- Darrell G Eisenhut, ONRR letter, "Information Regarding the Program for Environmental Qualification of Safety-Related Electric Equipment (Generic Letter 81-05)", dated January 12, 1981.
- Darrell G Eisenhut, ONRR letter, "Environmental Qualification of Class IE Electrical Equipment - Clarification of Staff's Handling of Proprietary Information, Generic Letter No. 81-15", dated March 10, 1981.
- USNRC EQ Branch March 16, 1981, Environmental Qualification Presentation to NTOL Applicants.
- Various Evaluation Reports prepared by the NRC EQ Branch for EQ submittals.

- Ebasco letter dated March 22, 1982, "Comments on Proposed Rule: Environmental Qualification of Electric Equipment For Nuclear Power Plants (47FR 2876-2879)".

- Ebasco letter dated April 23, 1982, "Comments on EE 042-2: Proposed Revision 1 to Regulatory Guide 1.89 Environmental Qualification of Electric Equipment For Nuclear Power Plants".

- Ebasco letter dated April 26, 1982, "Additional Comments on EE 042-2: Proposed Revision 1 to Regulatory Guide 1.89 Environmental Qualification of Electric Equipment For Nuclear Power Plants:. 3

- Ebasco letter dated April 20, 1982, "ACRS Subcommittee On Qualification Program For Safety Related Equipment; Meeting May 5, 1982"

- USNRC letter RB Minogue to JC Saldarini dated April 16, 1982 transmitting April 16, 1982 RB Minogue Memorandum "Final Rule, Section 50.49 of 10CFR Part 50 Environmental Qualification of Electric Equipment For Nuclear Power Plants"

- SECY 82-207 Final Rule, "Environmental Qualification of Safety-Related Electric Equipment For Nuclear Power Plants", dated May 24, 1982.

These documents, and the clarifications given in the various meetings, although clearly not considered mandatory for a plant seeking an OL, do provide the bases and guidance for a systematic, auditable and thorough approach to provide tangible evidence that the environmental qualification requirements are met. Consequently, the St. Lucie Unit 2 Project addresses the applicable EQ requirements of the above documents and meetings, as necessary and practical. 2

3.0 METHODOLOGY TO SELECT EQUIPMENT REQUIRING QUALIFICATION

The methodology to determine which equipment should be qualified is based on the IE Bulletin(s) 79-01 approach of reviewing plant systems, establishing Master Lists of equipment to be qualified, and completing a generic systems list as contained in IE Bulletin 79-01B, Appendix D and as made applicable to St. Lucie Unit 2.

The generic NRC listing of "Six Safety Functions" presented at the July 7-10th public meetings, the "Typical Equipment/Functions Needed for Mitigation of a LOCA or MSLB Accident" of Appendix A of "Guidelines for Evaluating Environmental Qualification of Class IE Electrical Equipment In Operating Reactors" (Enclosure 4 of IEB 79-01B), the "Plant Safety Functions" of NRC Regulatory Guide 1.97 Rev. 2, proposed 10CFR50.49 (dated 6/17/81), the "Typical Equipment or Functions for Accident Mitigation" of Proposed Revision 1 to Regulatory Guide 1.89 (dated February 1982), "systems that are essential" in NUREG-0800, Section 3.11 (Rev. 2 July 1981) and "Safety Functions" or "Safety System Functions" identified in various IEEE (IEEE 279, 323, 308, 603, etc.), or ANSI/ANS Standards (e.g., ANSI/ANS-4.5-1980, "Criteria for Accident Monitoring Functions in Light-Water-Cooled Reactors") have been reviewed against the St. Lucie 2 design and the FSAR information. Table 1 presents the systems reviewed for St. Lucie 2. Table 2 includes the various system/function nomenclatures used in the aforementioned documents. A review of Table 1 demonstrates that Table 2 system/functions have been enveloped. However, Table 7 provides the St Lucie 2 system designations grouped under the "Safety Function" groupings most frequently used by the NRC EQ Branch for convenience. 2

In addition Table 8 has been prepared which cross-references Table 3.2-1, "Design Classifications of Structures, Systems and Components" of the FSAR to assure completeness of the list of safety related electrical equipment.

Furthermore, safety related equipment review assessment (function/functional analysis) activities forms an inherent part of the Environmental Qualification activities performed by the multi-discipline team described in Section 4 . Such activities consider and integrate personnel performing similar tasks for Human Factors Engineering (NUREG 0700), preparation of Emergency Operating Procedures (NUREG 0799), Fire Hazard Analysis (10CFR50 Appendix R), development of Safety Parameter Display Systems (NUREG-0696) and other Safety System Function/Functional Analysis. 3

An overview of the program process from systematic take-off of data from flow diagrams, P&IDs, FSAR tables, High Energy Line Break Zones, Radiation Zones, etc., to final submittal of this report is illustrated in overview format on Figures 1-1, 1-2, 1-3 and 1-4. Included in this determination is the equipment necessary for the operator to monitor overall plant performance to achieve and maintain cold shutdown. This effort is based on the use of an Environmental Qualification Equipment Data Bank (based on a Nuclear Plant Equipment Data System which integrates Cable/Raceway Routing, instrument lising, EQ data, etc) to provide the means of storing, in a central computer file, information for prompt data retrieval, sorting, and reporting capabilities. 3 2

The staff believes it would be premature at this time to impose the requirement to environmentally qualify electric equipment and systems necessary to achieve and maintain cold shutdown prior to the final resolution of A-45. Therefore, this requirement is not included in the final rule. 3

As the completed Emergency Operating Procedures (EOPs) were not available at the time of initial equipment qualification review, the Applicant has established a procedure to provide assurance that the developed EOPs will a) refer only to qualified equipment or b) assure that EOPs are properly annotated to indicate which information displays are based on non-qualified equipment. Subsequent to the completion of St. Lucie Unit 2 Emergency Operating Procedures the control room display instrumentation included in the present Master Lists will be re-reviewed utilizing the guidance provided by the NRC (July 7-10th 1981 public meetings) with special attention to: 3

a) Providing a complete list of all display instrumentation mentioned in the LOCA and HELB Emergency Procedures

b) Providing equipment qualification information in the form of Component Evaluation Sheets for all components of the display instrumentation exposed to harsh environments.

c) Assuring that instrumentation which is not considered to be safety-related but which is mentioned in the emergency procedures appears on the Master List.

   For these instruments:

   (1) Justification will be provided for not considering the instrument safety-related (e.g., Regulatory Guide 1.97 Rev. 2 Category 3 equipment), and

   (2) Assurance will be provided that its subsequent failure will not mislead the operator or adversely affect the mitigation of the consequences of the accident.

In addition, the display instrumentation used by the operator will undergo detailed system operations and human factors review in compliance with the Applicant's Control Room Review effort (as described in FSAR Section 1.9A). Consequently additional instrumentation information display channels or changes to those now in the Master List must be expected and do not imply inadequacy in the present lists. Identification of changes to display instrumentation and their basis is part of the Control Room Design Review and related efforts not part of this environmental qualification report.

In accordance with Generic letter 82-09(16) answer 1 the review of environmental qualification of display instrumentation is deferred until other NRC activities (preparation of new emergency procedures, control room design reviews, and upgrading of accident monitoring instrumentation) are complete. However, the applicant has identified all safety related display instrumentation forming the plant licensing basis by the review of Tables 7.5-1 "Safety Related Display Instrumentation of the St Lucie Unit 2 FSAR. 3

Pursuant to NUREG-0588 Appendix E equipment is placed into various functional categories. An example of how this is done for St. Lucie 2 can be illustrated using Figure 2-1 and Figure 3 and the depicted "location examples". Figures 2-1, 3 and 3-1 include PT 1102A, located in the reactor containment building, which initiates Engineered Safety Features and Reactor Trip. This is one of the four redundant sensors providing pressurizer pressure signals as described in FSAR Chapter 7 Sections 7.2 and 7.3. This instrument will see the DBA "harsh" environment of LOCA and/or MSLB through which it must function to provide trip signals. Therefore, this instrument is Category A per NUREG-0588 Appendix E.

On the other hand the cabinet labeled ESC-MA is the Engineered Safety Features Actuation System (ESFAS) logic cabinet which provides accident mitigation but which is in the air conditioned control room. The "mild" environment places this cabinet in Category D per NUREG-0888 Appendix E.

Furthermore, the systematic review has been used to identify those design basis events (e.g., MSLB or LOCA) which a specific Class IE component is not used to mitigate or monitor (e.g., out of core neutron detectors are not used for ESFAS). Consequently, as this equipment does not perform a safety function during or subsequent to a harsh environmental (LOCA, MSLB) event it needs to be mild environment qualified only.

As shown on Figure 1-2 categorization of components as Category C results in their deletion from further qualification review. Category C is consistent with Paragraph 2.1(3)(c) of NUREG-0588. The staff concurred in comment No. 49 resolution in NUREG-0588 Rev. 1 that NUREG-0588 is only applicable to safety-related equipment.

The NRC has recently requested some applicants to verify non-safety related electrical equipment does not degrade safety-related electrical equipment. Furthermore, the NRC's request was for a Failure Modes and Effects Analysis. For St. Lucie 2 the concern that non-Class IE systems will degrade Class IE systems is addressed by virtue of acceptable compliance to Regulatory Guide 1.6 and 1.75 (see FSAR Chapter 8), by the Fire Hazard Analysis (see FSAR Section 9.5) as well as by other analyses (jet impingement, seismic, etc). In addition, specific NRC questions/responses which address this issue are 420.1, 420.3, 420.7 and 420.14. Inclusion of acceptable isolation devices in the electrical design where it is possible to degrade safety system circuitry prevents credible failures due to non-Class IE equipment manfunctions.

In certain instances non-class IE qualified, but high quality commercial grade, equipment is used without isolation devices for annunciation and system status information which forms an associated circuit with the class IE equipment it associates with. A Failure Mode Effects and Criticality Analysis (FMECA) has demonstrated that there is no credible failure of the safety system by failure of these non-class IE devices. The basis for this FMECA is the very conservative assumption, as a certainty, that the high quality commercial grade equipment is in its failure mode. Consequently this equipment is then classified as category C per NUREG 0588 (refer to paragraph 8.2(b) of this guidebook). FMECA documentation utilized to classify equipment as Category C per NUREG 0588 is included in the Central Files. A representative sample of a Failure Modes Effects and Criticality Analysis Sheet is shown as Figure 23.

4.0 ORGANIZATION AND ACCOUNTABILITY FOR IMPLEMENTATION

Completion of the task to provide this report was accomplished using a Task Force approach by bringing together a dedicated equipment qualification team under direct leadership of an equipment qualification task manager. (FP&L's Architect/Engineer, Ebasco, was assigned the overall implementation leadership to accomplish the qualification effort subject to careful management, review and audit by FP&L). 2

The task manager is responsible for coordinating receipt of qualification documentation from the responsible contract engineers and delegating the appropriate documentation to the task force (review group) members for review. The task force manager maintained a progress report on the status of all components to be environmentally qualified initially (updating FSAR Tables 3.11-2 and 3 as appropriate include the Class IE equipment required to complete a safety function; subsequent to issuance of Amendment 11 to the St Lucie 2 FSAR (7/82) all updates to Environmental Qualification are included in the Environmental Qualification Report & Guidebook). The task force manager was also responsible for determining evolving requirements for equipment qualification and providing recommendations, feedback and resolutions of discrepancies between equipment and requirements. 2 3 2

The task force review team was composed of at least one engineer from each affected discipline. The task force discipline engineers report directly to the task manager in their functions as qualificaton task force members.

Figure 4 illustrates the organization of the Qualification Task Force. Figures 5 and 6 illustrate the division of responsibilities between the task force members for review purposes.

The task force includes experienced personnel in all pertinent aspects of nuclear plant design. In addition, an orientation/training program is utilized to assure personnel are knowledgeable of EQ requirements and the SAR commitments of St. Lucie Unit 2. 2

The task force utilized system analysis methodology to assure that the correct decision of equipment qualification status is reached. This system analysis is based on:

a) Identification of pertinent information/data to the decision.

b) Systematic program for information/data acquisition. 2

c) Logical (auditable) assessment (analysis) of information/data to reach correct decision.

The actual Reviewers and Checkers all attest to reviewing and using the many EQ documents listed in the "Certification of Training/Orientation" Form included as the last enclosure of Appendix K.

5.0 QUALITY ASSURANCE

The Environmental Qualification Program is in compliance with title 10 of the Code of Federal Regulations, Part 50, Appendix B as described in NUREG-0800 special attention to Criteria III, XI, and XVII is included in the applicant's program. The Applicant's QA Program as referenced in Chapter 17 of the FSAR, is supplemented with a specific EQ procedure to provide reasonable quality assurance for the preparation, review, and submittal of EQ data to the USNRC and permanent retention of tangible QA documentation. The EQ procedure is included as Appendix F of this submittal. 2 3 3

6.0 APPLICABILITY OF IEEE 323-1974, AND OTHER STANDARDS AND GUIDELINES

As indicated in docketed FSAR Section 3.11, St. Lucie Unit 2 committed to comply with IEEE 323-1974 guidelines wherever practical for equipment qualification although the plant construction permit basis and ACRS evaluation is based on the PSAR commitment to IEEE 323-1971 as a then acceptable demonstration of compliance to 10CFR50 Appendix A GDC 1,2,4, and 23. Certain equipment, however, was procured and accepted prior to the issuance of IEEE 323-1974. 3 2

The basis (for the year of applicability of IEEE 323) is in accordance with the USNRC February 5, 1980 letter to all construction permit and operating license applications entitled, "Issuance of NUREG-0588, Interim Staff Position On Equipment Qualification of Safety-Related Electrical Equipment". The February 5, 1980 letter also states that "equipment which would normally be qualified in accordance with IEEE 323-1971, but which has not yet undergone qualification testing should be qualified in accordance with IEEE 323-1974". Therefore, certain equipment which had already undergone qualification testing prior to issuance of the February letter was not re-tested. Likewise equipment which has been qualified by analysis and accepted to IEEE 323-1971, is demonstrated acceptable (i.e., the intent of IEEE 323-1974 and NUREG 0588 Category I is demonstrated). 2

IEEE Standards, General Design Criteria and Regulatory Guides whose requirements per the inclusion in NRC Regulatory Guide 1.70 or Standard Review Plan (NUREG-75/087) Section 3.11 have been used to supplement the use of IEEE 323 are as follows:

a) IEEE Standards

IEEE 279, "Criteria For Protection Systems for Nuclear Power Generating Stations."

IEEE 334, "Trial Use Guide for Type Tests of Continuous Duty Class IE Motors Installed Inside the Containment of Nuclear Power Generating Stations."

IEEE 336, "Installation, Inspection, and Testing Requirements for Instrumentation and Electric Equipment During the Construction of Nuclear Power Generating Stations."

IEEE 382, "Trial Use Guide for Type Test of Class I Electric Valve Operators for Nuclear Power Generating Stations."

IEEE 317, "Electrical Penetration Assemblies in Containment Structures for Nuclear Power Generating Stations."

IEEE 383, "Standard for Type Test of Class IE Electric Cables, Field Splices and Connectors for Nuclear Power Generating Stations."

IEEE 387, "IEEE Standard Criteria for Diesel Generator Units Applied As Standby Power Supplies for Nuclear Power Generating Stations."

Additional guidance from other issued IEEE Standards (e.g., IEEE 535, 649) are utilized in the environmental qualification program. For example, the methodology of qualification for aging and mild environment located equipment adopts the positions of IEEE 101-1972, "Guide for the Statistical Analysis of Thermal Life Test Data," and IEEE 650-1979, "IEEE Standard for Qualification of Class IE Static Battery Chargers and Inverters for Nuclear Power Stations", respectively. These two standards are typical of those selected as IEEE 101 employs the Arrhenius Methodology which is acceptable to the NRC (reference NUREG-0588 paragraph 4 (4) for Category I plants), and IEEE 650 provides a mild environment methodology which is acceptable to the NRC (IEB 79-01B Supplement 2 Question/Answer 7). | 2

b) 10CFR50 Appendix A General Design Criteria:

GDC 1, "Quality Standards and Records": GDC 4, "Environmental Missile Design Basis"; GDC 23, "Protection System Failure Modes"; GDC 50, "Containment Design Basis".

Regulatory Guides:

Regulatory Guide 1.30, "Quality Assurance Requirements for the Installation, Inspection and Testing of Instrumentation and Electric Equipment"; Regulatory Guides 1.40, "Qualification Tests of Continuous - Duty Motor Installed Inside the Containment of Water-Cooled Nuclear Power Plants"; 1.63 "Electric Penetration Assemblies in Containment Structure for Light-Water-Cooled Nuclear Power Plants"; 1.73 "Qualification Test of Electric Valve Operators Installed Inside the Containment of Nuclear Power Plants"; 1.89, "Qualification of Class IE Equipment for Nuclear Power Plants"; and 1.131, "Qualification Tests of Electric Cables Field Splices, and Connections for Light-Water Cooled Nuclear Power Plants,".

d) Other Applicable Documents

Other applicable documents are available and utilized in the qualification process to supplement IEEE 323. Representative documents utilized include EPRI NP-1588, "A Review of Equipment Aging Theory-Technology," EPRI NP-2129", Radiation Effects on Organic Materials In Nuclear Plants", Battelle Memorial Institute Radiation Effects Information Center, REIC Report 46", Report on the Effect of Radiation on Electrical Insulating Materials" Military Standards or Specifications (generally on mild environment equipment) such as MIL-R 93 for resistors, and various American National Standards Institute (ANSI) and National Electric Manufacturer's Association (NEMA) Standards for equipment to demonstrate operational cycle capability, and operation within design capabilities. Industry standards such as UL 746B, "Polymeric Materials - Long Term Property Evaluations" provide the basis of material life determinations. | 3 | 2

7.0 IDENTIFICATION OF ENVIRONMENTAL CONDITIONS AND DURATION

Table 3 is a sample of the tabulations generated which provide the environmental conditions (normal, abnormal, accident) (which expanded the environmental conditions initially provided in FSAR Table 3.11-1, "Environmental Conditions") and include specific reference to the temperature and radiation zone maps used for environmental qualification. Representative zone maps for harsh areas are included in Appendix B to this report. 3

For NRC staff convenience the in-containment Design Basis Accident Profiles for Loss of Coolant Accident (LOCA) and Main Steam Line Break (MSLB) are provided as Figures 7, 8, 9 and 10.

As indicated in Section 8 of this report (and Section 3.11 of the FSAR) the qualification parameters for Design Basis Accidents were established utilizing the conservative methodology acceptable to the NRC staff. The margin or conservatism inherent in the methodology is described in paragraph 8.3. 2

In addition, the applicant has reviewed the NRC listing of "Typical Sites of HELBs other than LOCA, MSLB, and FWLB" presented by the NRC in the July public meetings and determined that the outside containment potential pipe breaks, systems and locations utilized for St. Lucie Unit 2 envelopes the NRC screening criteria. The outside containment pipe breaks are described in Section 7.5 and Appendix C of this report.

The environmental conditions under which equipment must function, are specifically defined on each Component Evaluation Sheet (CES). A review of the various CES sheets demonstrated qualification verifies that Florida Power & Light conservatively specified and purchased equipment with capabilities for the "worst case" environment wherever practical. Certain equipment need not function for both MSLB and LOCA; however, wherever practical the NRC guidance in NUREG 0588 subparagraph 2.2(4) to use a composite profile is utilized. 3

During this review it was also necessary to define more explicitly the FSAR terminology used to decide equipment operability during a LOCA or MSLB: i.e., the FSAR in various sections used terms for required operability such as "short-term", "long-term" and "continuous". These terms were reviewed during the preparation of this guide book. All ESFAS are generated within 5 seconds of a design basis LOCA or MSLB. The design basis LOCA curve was reviewed and re-analyzed in order to extrapolate the time at which temperature/pressure conditions inside containment begin the significant return to stable parameters. Based on these reviews the following operability requirements for equipment were established: Equipment required for a "short-term" operability is presented in this report as being required for at least 1-1/2 hour duration, even though much equipment (such as that required for ESFAS) is required only at the immediate onset of an accident, i.e., on the order of a few seconds rather than 1-1/2 hours. This time margin is significantly conservative as described in paragraph 8.3. In fact the Atomic Industrial Forum provides the industry position[10] which describes the inappropriateness of requiring a one hour time margin. Where such equipment must be demonstrated capable of submergence subsequent to LOCA/MSLB, (due to the NRC time margin), the methods of this demonstration described in paragraph 2 2 2

7.6 are used. Subsequent to Revision 2 of this Guidebook (April 2, 1982) the NRC issued Generic letter 82-09[16] which included in response 8 an NRC position deleting the requirement for a one hour time margin. Specifically Generic letter 82-09 states: 3

> The one hour time margin rule is not applicable to equipment whose safety function is performed prior to significant changes in the environment at the equipment location.

However, the basis for the successful qualification site audit was the one hour time margin. No attempt by the applicant is being undertaken to remove the over-conservative one-hour time margin.

The equipment described as being required for "long-term" or "continuous" operability is defined (after specific operability requirements were reviewed) as being required for 30 or 180 days following the DBA, even though operability of much equipment is not required after about 10 days and 30-60 days, respectively. For the radiation environment, all equipment subjected to radiation is assumed subject to normal operation radiation doses for 40 years and then subjected to DBA radiation for either 2 hours (for short-term) or to 30 days or 1 year (long-term), as applicable. 2

We believe that this approach meets NRC staff concerns regarding margins on time, addresses the issues of equipment operability for a broad spectrum of accidents, and results in a less ambiguous and conservative representation of equipment operability.

As an example of the conservative assumptions regarding equipment operability, consider the following discussions assuming a DBA LOCA which is mitigated about 10 days after the event: the LPSI pumps are automatically shut-off at the onset of the recirculation phase and are not required any longer if core heat removal is accomplished via the containment spray system/shutdown heat exchangers flowpath. Conversely, if the LPSI pumps/shutdown heat exchangers are ultimately used for decay heat removal, the containment spray system can be taken out of service within 10 days or earlier. The operability requirement for qualification of these pump drives are considered to be up to 80 days post-DBA. Likewise equipment such as the hydrogen recombiners are not energized until a day after the DBA and are expected to be operational for days only; the operability is assumed to be 30 days post-DBA.

The applicant has reviewed industry standards and determined that the operability time utilized on St. Lucie 2 is reasonable and conservative. For example, ANSI/ANS-4.5-1980, "Criteria for Accident Monitoring Functions In Light-Water-Cooled Reactors" paragraph 6.1.2.3, which is addressed by NRC Regulatory Guide 1.97, indicates a 100 day post-accident monitoring duration. Furthermore, adoption of the one-hour time margin on short duration events exceeds the requirements believed necessary by industry[10] and the NRC[16]. 3

7.1 VENTILATION

Heating, ventilation and air conditioning (HVAC) systems are provided to maintain suitable operating ambient conditions for all electrical,

The design basis per the ASHRAE conservative standards is based on the wet bulb and dry bulb readings for all but 1% of the time during the summer months (30 hours) which is 93F Dry Bulb (FSAR Section 9.4). The 30 hour time period above the 93F temperature has been assumed to equal the highest temperature on record which is 101F (FSAR page 2.3-8) for the full time period. 2

Furthermore we have calculated a temperature for loss of all ac for four hours. These derived temperature values in addition to the normal temperatures are found in the temperature zone maps, Appendix B.

As the temperature in the containment is not primarily dependent on the outside ambient but is dependent on plant operation a review of plant availability and time at shutdown can provide the true normal for design life aging in the plant.

Normal containment temperature is defined in accordance with the following:

Average = (FPT) x (A) + (1-A) x (ST), where

FPT = Full Power Temperature	ST = Shutdown Temperature	A = Plant Availability

7.3 CHEMICAL ENVIRONMENT

Engineered Safety Feature (ESF), Post Accident Monitoring (PAM) Systems and associated safety-related components are designed to perform their safety-related functions during the maximum adverse temperature, pressure, and humidity conditions. In addition, the components of the ESF, PAM system and associated safety-related components, located inside the containment are required to perform their safety-related functions in long-term contact with the requisite boric acid/hydrazine/trisodium phosphate dodecahydrate (TSP) solution recirculated through the Safety Injection System and Containment Spray System which are utilized for Iodine removal and pH control.

Hydrazine is stored and handled in a manner consistent with the industry established safety practices. Stored concentrations and compositions are as described in FSAR Subsection 6.5.2. 3

In accordance with the guidelines of NUREG-0588 paragraph 1.3, the most severe caustic spray environment that results from a single failure in the spray system is utilized in design (qualification). FSAR Subsection 6.5.2 includes complete system description and Failure Modes and Effects Analysis accepted by the NRC staff.

The containment atmosphere is maintained below four weight percent hydrogen consistent with the recommendations of Regulatory Guide 1.7 "Control of Combustible Gas Concentrations in Containment Following a Loss of Coolant Accident" September, 1976 (R1), as discussed in Subsection 6.2.5.

The specific chemical composition of the chemical spray and recirculation solution is the most benign of those listed in ANSI/ANS 56.5-1979 which

includes three "Examples of Acceptable Spray Additive Solutions" in its Table 1. Values from the recent national consensus standard for pH concentrations are as indicated in Table 4. In fact the St. Lucie chemical concentration is even more benign than the most acceptable benign solution above as indicated in FSAR Figure 6.5-8, "pH vs Time for Containment Spray Containment Sump". Furthermore, the actual equipment qualification testing or analysis for the in-containment equipment typically is based on "worst case" sodium hydroxide. Therefore, the equipment on St. Lucie 2 is not subject to debilitating corrosion or chemical attack. The actual qualification review still required the examination of the equipment design to withstand spray ingress.

7.4 RADIATION ENVIRONMENT

Position 1.4 of NUREG-0588 requires demonstration that each piece of safety-related equipment is qualified to perform its function following exposure to a total radiation dose equivalent to that accumulated during 40 years normal operation, and during its required operability period following the most severe DBA. St. Lucie Unit No. 2 assumptions and calculational methods comply with the provisions of this Position, as demonstrated in Appendix D. Typical maximum dose values by area in the plant are presented in Table 3, and were developed from the Equipment Radiation Dose Maps, a representative map appearing in Appendix D. The degree of conservatism or inherent margin is described in paragraph 8.3. 2

Dose values were determined for each piece of safety-related equipment, and are tabulated on the Component Evaluation Sheets. They were obtained through St. Lucie Unit No. 2-specific calculations, which are discussed in detail in Appendix D. The calculations are based on NUREG-0588 and other regulatory assumptions and guidelines, except in certain noted instances, where more conservative ones are used. All appropriate types and sources of radiation were considered in establishing the total dose for each piece of equipment. Further, in accordance with the directions of Position 1.4(12) of NUREG-0588, equipment exposed to doses below 10^4 rads were not considered exempt from the qualification process, even though ample evidence in the literature (including Appendix C of IE Bulletin 79-01B) would support the blanket exclusion of much equipment.

Dose values for 40 years normal operation were derived primarily from previously established dose rates developed for plant shielding and personnel protection purposes (see Section 12.3 of the FSAR). Radiation source and equipment locations, shielding configurations, and system and equipment operations were considered. In all cases, maximum dose values (based on assumptions of nuclide activities in the reactor coolant corresponding to 1.0 percent failed fuel, extremes of operation, etc.,) rather than the average or expected dose rates (allowed in the introduction to Position 1.4 of NUREG-0588) are recorded. Thus, the normal operations doses are conservatively high.

The DBA radiation exposure is predicated on assumed instantaneous release fractions of different classes of radionuclides from the core following the incipience of the accident. These assumptions are stated in NUREG-0588 and elsewhere (such as; TMI documents NUREG-0578 and NUREG-0737, and Regulatory Guide 1.4). Both beta and gamma doses to equipment were considered in arriving at a total dose for qualification purposes. Time-dependent radionuclide transport phenomena, such as plateout and washout (removal from the containment atmosphere by containment spray), were factored into the source term development, and hence, the dose calculations. Details of the methods and assumptions are given in Appendix D.

The three PWR systems (HPCI and RCIC Turbines are found on BWR not PWR plants) are clearly addressed.

The criteria used to locate the break points for high energy piping outside containment are described in FSAR Section 3.6. The various protective methods used to mitigate the consequences of the postulated pipe failure are given in FSAR Subsection 3.6.1. This Section presents the results of environmental analysis due to high energy line break outside containment. Jet impingement and flooding analyses are covered in FSAR Section 3.6.

Consistent with the "systems analysis methods" of IEB 79-01B and the comment resolution to comment 41 of NUREG-0588 Revision 1 not all equipment subject to HELB outside containment [implied by NUREG-0588 Rev 0 paragraph 1.5 (1)] need be qualified for the HELB event. In fact, the great majority of safety related equipment outside containment need not be qualified for HELB. The equipment which requires qualification is equipment whose failure resulting from the HELB will be detrimental to mitigation of the HELB or detrimental to plant shutdown if required following the HELB. However, the Applicant typically procures equipment on a "lot basis" for the worst case environments which are the in-containment MSLB/LOCA events. These worst case environments envelop all the HELBs outside containment; therefore, demonstration of this equipment to be HELB qualified is not required. 3

Equipment items providing an isolated function for the HELB events may be outside the area of influence; consequently, these items would not be included in the harsh environment Component Evaluation Sheets. 3

7.5.1 MAIN STEAM AND FEEDWATER OUTSIDE CONTAINMENT

General Description

Pipe failures are considered in each of the two Main Steam (MS) lines commencing at the flued head anchor and terminating at the turbine stop valves. Similarly, the two Feedwater (BF) lines between the containment penetration flued head anchors and Feedwater Pumps are considered for pipe rupture analysis. The Main Steam and Feedwater pipe break locations are shown in FSAR Figures 3.6C-1.5, 1.6, 1.7, 1.8.

The maximum operating pressure and temperature for the Main Steam System is 885 psig and 532F. The maximum operating pressure and temperature for the Feedwater System is 1050 psig and 440F.

The Main Steam and Feedwater lines are routed from the reactor containment building to the turbine building via two seismic Category I trestles (each trestle supports one Main Steam line and the corresponding Feedwater line).

Once outside the reactor containment building there is no enclosure through which the lines pass en route to the turbine building except for missile protection barriers on the trestle structure.

The Main Steam lines are separated by approximately 15 feet as they emerge from the reactor containment building and diverge such that at the Main Steam Isolation Valves (MSIV) the lines are approximately 40 feet apart. There are eight safety relief valves and two atmospheric dump valves on each Main Steam line between the penetration flued head and the MSIV.

Environmental Analysis

All the safety-related equipment and components which are exposed to the environmental conditions resulting from a Main Steam or Feedwater line break are located in the trestle area. Hence only the trestle area is considered for environmental analysis.

The trestle structure is provided with missile protection barriers. For the purpose of this analysis the trestle is considered as interconnected subcompartments: the lower subcompartment from El. 19.50 to El. 41.00' and the upper subcompartment from El. 41.00 to El. 53.83'.

The enclosed volume and vent areas of the trestle structure are considered in the computer model to determine the temperature, pressure and humidity profile resulting from a Main Steam and Feedwater line break. The resulting environmental conditions are used to evaluate the functional capability of all safety related electrical equipment and components. 3

The environmental profiles resulting from an MSLB outside containment are given in Appendix C.

In the computer model, the worst case break location has been considered (i.e. upstream of the MSIV). It is assumed that the MSIV will start closing upon initiation of the MSIS and will be fully closed in approximately 8.9 sec. after the break event. Taking into consideration the effect of heat sink and natural ventilation in the trestle area, the temperature and pressure fall rapidly as indicated in the aforementioned figures.

The environmental conditions resulting from a MSLB envelope the conditions that could result from a Main Feedwater line break, therefore only the former has been considered for environmental analysis.

Since an MSLB would result in a plant shutdown, the equipment located in the Main Steam Trestle, associated with this function must be qualified for the environmental conditions shown.

7.5.2 CHEMICAL AND VOLUME CONTROL SYSTEM OUTSIDE CONTAINMENT (LETDOWN AND CHARGING LINE)

General Description

The high energy portion of letdown line outside containment extends from the containment penetration flued head to the pressure reducing valves PCV 2201P and PCV 2201Q, located downstream of the letdown heat exchanger. The maximum operating fluid (corresponding to the maximum flow) conditions between the containment penetration and the angle valve LCV-2110P are 1994 psig and 375 F. The fluid conditions of 510 psig and 375 F are applicable to piping between the angle valve LCV-2110P and the letdown heat exchanger. The maximum operating conditions for piping downstream of letdown heat exchanger are 460 psig and 120F. The pipe break locations for letdown and charging systems outside containment are shown in FSAR Figures 3.6.C-4.6, 4.7, 4.8 and 4.9.

Environmental Analysis

All safety-related equipment and components located in the RCB Mechanical Penetration area, letdown heat exchanger room and charging pump room which are exposed to the environmental conditions resulting from a letdown/charging line break are considered for environmental analysis. The enclosed volume and vent areas of these compartments are considered in the computer model to determine the temperature, pressure and humidity profile resulting from a letdown/charging line break.

A high energy line break in the charging pump room would not result in a temperature pressure build up in the compartment, since the maximum operating temperature of the fluid is only 120F and no flashing would occur. Only flooding conditions are analyzed for evaluating the functional capability of the safety-related equipment and components located in this area.

There is no safety-related equipment located in the letdown heat exchanger room.

The environmental profiles resulting from a letdown line break located in the RCB penetration area are given in Appendix C.

A break in the letdown line will cause the pressure differential switch PDS-2216 to sense a higher differential pressure across the regenerative heat exchanger and upon reaching a setpoint of 275 psid initiate closing of the (isolation valve I-V-2516. This would cause the blowdown to terminate after approximately 6 seconds.

Considering the effect of heat sinks and natural ventilation in the RCB penetration area we assume that within 24 hours, the environmental conditions will return to the initial levels.

The effect of a line break in the charging pump room is discussed in the FSAR Section 3.6F. Due to the adequate drainage design, the entire spillage will drain to ECCS compartment, therefore no flooding will occur in the charging pump room. Spillage into the ECCS is accommodated as described in FSAR Section 3.6F. | 3

A break in the letdown line will not result in a plant shutdown.

7.5.3 STEAM GENERATOR BLOWDOWN SYSTEM OUTSIDE CONTAINMENT

General Description

The SGBS lines outside containment between the containment penetration and the check valve 2V-23-107 and -132 are considered for high energy line break analysis. The maximum operating pressure and temperature of the system are 885 psig and 532 F. The break locations on SGBS piping outside containment are shown in FSAR Figures 3.6C-5.2 and 5.8.

Environmental Analysis

All safety-related electrical equipment and components located in the RCB penetration area are considered for the environmental analysis due to a steam genereator blowdown line break. The enclosed volume and vent areas of these compartments are considered in the computer model to determine the temperature, pressure and humidity profile resulting from a HELB in the SGBS system. The functional capability of the electrical equipment in this area is evaluated for the resulting environmental conditions. 3 3

Figure 11 provides the time vs. flood level for in-containment submergence. Maximum flood level inside containment is 26.0 feet. This Figure is the result of a conservative calculation which considers the maximum quantity and flow of fluids in and from the reactor vessel, steam generators, pressurizer, safety injection tanks, reactor coolant piping, boric acid makeup tanks, refueling water tank, and hydrazine storage tank. Both the MSLB and LOCA events are considered for the maximum flood level determination. The actual quantity of liquid is determined to be 615,204 gallons which exceeds the NRC screening criteria of 600,000 gallons included in NUREG-0737 item II.F.1. The post-TMI containment level monitors are described in FSAR Subsection 7.5.3.2.

The time to submergence is utilized in conjunction with a system and device operability or failure mode and effects analysis review to determine if a potentially submerged device which is not qualified for submergence will preclude completion of plant safety functions.

For example, a motor operated containment isolation valve might be located at elevation +20 which may be submerged in 14 or more minutes in accordance with Figure 11. The analysis would proceed as follows:

a) Verify that the isolation valve will not require opening after the DBA.

b) Determine the "sense and command" parameter which initiates safety function. In this case it is containment pressure.

c) Determine the time to complete safety function. In this case it would be time to reach the 5 psig Containment Isolation Actuation Signal (FSAR Table 7.3-1) instrument setpoint (less than 3 seconds per Figure 9) plus delay time (less than 1.15 seconds per conservative analysis of Chapter 15 of the FSAR) plus valve closure time (less than 10 seconds) for a total safety function time of less than 15 seconds.

d) Verify time prior to submergence is sufficient for operator to verify safety function is accomplished. In this case submergence will not occur for more than 13 minutes after a worst case DBA, thus providing the operator more than sufficient time to verify containment isolation has occurred by looking at main control board valve position (open/closed) indicating lights. Furthermore, the Emergency Operating Procedures will clearly require operator verification of containment isolation valve position as the containment isolation valve position is a variable indication of Regulatory Guide 1.97.

e) Review wiring diagram power circuitry to verify that valve operator is de-energized subsequent to operation. For St. Lucie Unit 2 all the motor starter circuits are in mild environment located areas with circuitry arranged to de-energize the motor circuit immediately after valve stroke (open or close).

f) Review wiring diagram control and indication circuitry to verify that submergence will not cause inadvertent valve operation or other unacceptable consequences. In this case submergence may cause valve limit switch shorting, control circuit fuse opening and loss of indication but will not cause valve operation; consequently safety function is not impacted.

The above described approach demonstrates Florida Power & Light compliance with NRC desires(6) which are summarized as follows:

> "Licensee submittals should address submergence inside and outside containment. The submergence of cables, connections, etc., shall be identified. Submittals were deficient in specifying submergence and describing how qualification was done. If reasons such as "equipment performs its safety functions before submergence" are used, then the submittal shall identify (1) the pre-mission and post-mission flood levels, (2) the effect of submergence on the equipment after mission, especially its impact on the safety system and reactor safety shutdown, (3) time required to operate, and (4) time to submerge."

Section 7.5 of this report and Appendix 3.11D of the FSAR describe High Energy Line Breaks which may cause flooding outside containment. Additional description of moderate energy line break flooding is found in FSAR Appendix 3.6F. The following design features for outside containment are found to preclude flooding from affecting equipment needed to perform a safety function:

a) During the flooding analysis (FSAR Section 3.6) the appropriate general arrangement and plumbing drawings were reviewed to ensure adequate floor drains and sumps in safety-related cubicles and hallways.

b) Conservatively sized sumps with duplex sump pumps exist in key areas such as the ECCS pump room area. High level alarm is provided both audibly and visually as well as indication lights for the pumps (refer to FSAR Section 3.6).

c) Watertight doors, curbs, pipe boots, combination missile shield/flood walls, etc., exist throughout the RAB as applicable where safety-related equipment is located.

d) The EQ review team has not discovered any Class IE electrical equipment near floor elevations. Typically, pump motors, switchgear, MCC's etc., are mounted upon grouted-in base plates; the motor operated and solenoid valves' sensing elements are in piping systems well above floor level; transmitters, local control stations, junction boxes, etc., are rack or wall mounted; cables are either in cable tray or conduit well above floor level; vertical cable runs are curbed, travel through sleeves, or are sealed by grout, or fire stops.

e) An HELB would normally be mitigated in seconds.

As described in Section 12 of this report, a field verification effort is undertaken by the applicant to provide positive assurance that the safety-related equipment is installed as required. Special attention is paid to submergence with a requirement that the field verification personnel indicate that the electrical cable or connection point is clearly above the flood level for equipment mounted in close proximity of maximum flood level (e.g., all electrical safety-related equipment in containment mounted at elevation +30' or less is examined in detail). The results of the field verification of the installation is referenced on the Component Evaluation Sheets (CES) in volume 3. As a result of the submergence potential and field verfication a small number of sampling valves required to open subsequent to LOCA/MSLB in containment were relocated to an above maximum credible flood level (Figure 11). 2

8.0 CONFORMANCE, CLARIFICATION AND INTERPRETATION OF NUREG-0588 CATEGORY I REQUIREMENTS

With the clarification given in Section 6 above St. Lucie Unit 2 is in conformance with NUREG-0588 Category I. A summary of conformance follows:

8.1 ESTABLISHING QUALIFICATION PARAMETERS FOR DESIGN BASIS EVENTS

The conservative methods described in the NUREG document for LOCA and MSLB determination are utilized or enveloped at St. Lucie Unit 2; these methods and results utilizing CONTEMPT-LT are accepted by the NRC staff in FSAR Section 6.2. Generic test profiles for containment located equipment such as found in Appendix A of IEEE 323-1974 are proven to be acceptable for the St. Lucie Unit 2 application before use. Where equipment qualification considers LOCA but not MSLB a demonstration (analysis or test) is provided to show that MSLB conditions will not invalidate qualification to a LOCA profile; refer to Appendix A, "Environmental Qualification for Main Steam Line Break". On a case-by-case basis the Applicant has reviewed the temperature of the critical components necessary to complete the safety function in addition to consideration of the surface temperature of equipment per NUREG-0588 paragraph 1.25(b). 2 3

The chemical spray used in the St. Lucie 2 qualification considers the single failure event. The actual spray chemical concentration used in qualification is equivalent to or more severe than the actual St. Lucie 2 chemical spray (see Section 7.3 of this report).

Radiation conditions utilized in qualification equal or exceed those determined utilizing NUREG-0588 methods. Beta effects as well as gamma are considered in equipment qualification within the existing state-of-the-art.

The ECCS equipment which recirculates radioactive fluid from the containment sump is qualified to the worst case radiation induced by the recirculated fluid.

In accordance with Paragraph 1.4(9) of NUREG-0588 containment cables arranged in cable trays are assumed to be exposed to half the beta dose except for completely beta shielded instrument cables in solid top and bottom instrument trays or steel conduits.

Radiation levels even below those sometimes considered negligible (e.g., 10^4 rads) have been considered in the qualification program. The approach described in NUREG-0588 Revision 1 comment resolution to comments 37A-D are adopted by the Applicant.

Equipment required to mitigate a High Energy Line Break outside containment is qualified to withstand HELB environment. Refer to Section 7.5.

No equipment, requiring environmental qualification, was found which was located in areas not served by Class IE environmental support systems. Equipment served by Class IE support systems that may be secured during plant operation or shutdown will be qualified for the limiting (abnormal)

8.2 QUALIFICATION METHODS

The positions of Sections 2.1 and 2.2 of NUREG-0588 have been adopted by St. Lucie Unit 2 with the following clarifications:

a) Subparagraph 2.1(2). In general equipment in containment is actually type tested to the LOCA environment: however, supplementary review and analysis was necessary in certain cases to demonstrate MSLB is enveloped by LOCA qualification (see Appendix A to this report) or to extrapolate data from existing test reports. The staff concurred in this position in comment resolution number 49 in NUREG-0588 Revision 1.

b) Subparagraph 2.1(3)(c) states that: "Equipment that need not function in order to mitigate any accident and whose failures in any mode in any accident environment is not detrimental to plant safety need only be qualified for its non-accident service environment". The equipment described requires no safety function qualification on any basis; therefore, it is commercial grade equipment which is not included in the submittals to the USNRC. The Applicants position is consistent with comment number 49 resolution in NUREG-0588 Revision 1.

c) Subparagraph 2.2(1). In lieu of failure criteria the applicant has insured that the qualifications by test include an acceptance criteria consistent with staff acceptance in comment resolution 56 in NUREG-0588 Revision 1. Completed tests which did not include a specific St. Lucie Unit 2 acceptance criteria are analyzed (verified) acceptable for the St. Lucie Unit 2 application.

d) Subparagraph 2.2(4). Accident profiles for LOCA and MSLB developed for St. Lucie Unit 2 supplement the tabular listing of categories A and B of FSAR Table 3.11-1 prepared through Amendment 10 of the FSAR in the harsh environment submittal. This table was prepared through Amendment 10 of the FSAR and was subsequently referenced to the Guidebook. Composite profiles and/or individual profiles are used as appropriate for equipment qualifications on a case by case basis. Where equipment qualification conservatively envelops both MSLB and LOCA no attempt is made to use only the MSLB or LOCA profile through which the equipment is to perform. 3

e) Subparagraph 2.2(5). Qualification for submergence considers time for equipment to function vs. rise time of flood level, whether flooding is detrimental to safety function and other systems analysis approaches in addition to enclosure watertight integrity. Figure 11 is included in this report for reviewer's convenience.

f) Subparagraph 2.2(6). NRC requirements for actual surface temperature by thermocouple readings have been reviewed (refer to Appendix A for thermal lag considerations). Surface temperature measurements would not measure the actual environment; therefore, assurance of test profile temperatures would not be available. In addition, the lack of surface thermometry on completed tests is not considered to be unacceptable as ambient air temperatures are monitored in the test chamber. This is consistent with the intent of comment resolution number 58C of NUREG-0588 Revision 1.

g) Subparagraphs 2.2(7) and 2.2(9). The degree of equipment monitoring during test (i.e., periodic or continuous) is based on equipment function, failure modes, and practicality of testing consistent with comment resolution 60 in NUREG-0588 Revision 1.

h) Subparagraph 2.2(10). Application of voltage and frequency extremes during DBA testing may not be feasible; post-DBA functional testing is the point at which extremes of voltage and frequency are considered. The extreme used is the worst case. Also, refer to Appendix G regarding standard design practice to envelope voltage and frequency swings. 3

i) Subparagraph 2.2(11). Dust conditions are addressed by the normal plant maintenance procedures. Furthermore, the controlled environment areas (control room) and the typical NEMA Type 12 (Industrial Use, Dusttight and Driptight-Indoor), Type 3 (Dusttight, Raintight, and Sleet Resistant-Outdoor), and Type 4 (Watertight, Dusttight, and Sleet-Resistant-Indoor and Outdoor) enclosure precludes concern.

The dusttight designation in essence means so constructed that the enclosure will exclude dust under specified dust test conditions. The test conditions for dust (from NEMA ICS-1970) are as summarized in Chapter 16, "Enclosures", Paragraphs 25 and 26, Dust Test (Dusttight) - Dust Blast Method and Dust Test (Dusttight) - (Atomized Water Method) of the "Switchgear and Control Handbook", McGraw-Hill Inc, copyright 1977.

Furthermore, St. Lucie 2 is a near duplicate of St. Lucie 1 which has six years of successful operation (with adequate preventive maintenance and other programs) which demonstrates satisfactory consideration of dust.

The staff accepts the concepts addressed by the Applicant as indicated by comment resolution 65 to NUREG-0588 Revision 1 wherein the staff clarifies it was not their "intent to require quantitative testing...".

j) Subparagraph 2.2(12). In addition to Cobalt-60 the Applicant allows the use of Cesium-137 consistent with the latest staff intent (comment resolution 55 NUREG-0588 Revision 1 and proposed Regulatory Guide 1.89 position C.4(i)).

k) Subparagraph 2.3. The test sequence was examined as part of equipment qualification review, including review of Sandia Laboratories findings on applicability of various test sequences. Separate effects testing for equipment in a harsh environment, when utilized, include specific analysis as to applicability.

l) Subparagraph 2.4. Other Qualification Methods. Various analysis methods are used for qualification; see the discussions below. If other qualification methods were used, the Component Evaluation Sheets will so indicate.

Several different methods of analyses in the radiation and thermal aging areas are available for use in an environmental qualification program. The choice of methods, and whether they should be applied singly or in concert, depends on the requirements of a particular case and the availability of data pertaining to it.

If the environmental conditions applicable to a given piece of equipment can be demonstrated sufficiently similar to those applicable to an already qualified piece of equipment of similar design susceptibility, the given equipment may then be qualified by arguments of similarity. Vendor certification can be obtained in some cases, or an analysis of differences between the subject and qualified equipment may be conducted to determine if these differences are critical.

If qualification testing information is not available for a particular piece of equipment, a material and component breakdown may be performed, followed by identification of critical (weak-link) materials and components. Use would be made of information from vendors, from the literature and from information developed in the course of our previous work in this area.

The material and component breakdown would be followed by a further analysis to determine the effect of the environmental condition on the identified weak-link materials and components. Radiation susceptibility, for example, may be found by consulting tables in a data base extracted from the literature on the subject. The data base is both more extensive and more realistic than the "official" NRC table appearing as Table C-1 of Enclosure 4 to IE Bulletin 79-01B, "Environmental Qualification of Class IE Equipment". For example, rather than using a single number indicating a non-specific sort of threshold damage to a material, which may or may not produce a significant change, the analysis would consider the actual function of the device, and the role played by that particular material. Thus, a radiation dose producing, for example, a 25 percent embrittlement of a material may be tolerated for some applications, but not for others. Further, single threshold damage values cannot be used to index both electrical and mechanical properties.

In working on environmental qualification to radiation, specially prepared equipment-oriented radiation dose maps (superimposed on plant general arrangement drawings) prove to be of great value (FSAR Subsection 13.3.4). The dose values on these maps consider many contributing factors for both normal, test, abnormal and accident operating conditions as a function of specific equipment location and required time of operability. These conditions include gamma-beta fluid immersion dose, gamma proximity, gamma dose from radioactive equipment, gamma-beta cloud dose, gamma-beta plateout dose, gamma sump dose, etc. Thus, a basis for determining radiation qualification would be the dose to a particular piece of equipment rather than a general or conservative area value. This method is illustrated in Appendix I. 3

The effect of temperature on the performance of a material also cannot be described by a single number, but depends on the function of that material in a specific component, its geometry and juxtaposition relative to other materials, and its time-dependent temperature profile relative to ambient air

temperature. For example, examination of the temperature profile as a function of time outside a component, coupled with a heat transfer analysis, may reveal that the maximum external temperature of the component exceeds the "maximum rated" temperature of an internal component or material. However, since the internal component or material may never reach that external temperature, it may be qualified for service at its actual, lower temperature. This is discussed further in Appendix A treating MSLB temperature transients.

The effect of thermal aging (estimated mean lifetime to a predefined failure-point for a given function subject to a given temperature profile) may be determined using the Arrhenius relation methodology, which assumes that the lifetime is related to the temperature dependent reaction rates occurring in the materials. The method may be extended in a straightforward manner to situations where the temperature may vary with time, (e.g., normal plus accident conditions), and where accelerated testing at a higher temperature is used to simulate the effects of aging for a longer period of time at a lower temperature. See Appendix H.

8.3 DEGREE OF MARGIN/CONSERVATISM

2

The margin values suggested in IEEE 323-1974 are inappropriate for St. Lucie 2 as described herein. The conservatism in NUREG-0588 parameter value determination precludes the need for margin to account for uncertainty. The Applicant has utilized the NRC staff acceptable approach (Comment Resolution 70 in NUREG-0588 Revision 1) of demonstrating that the temperature, radiation and pressure conditions are derived using the NUREG-0588 methodology which is sufficiently conservative such that margin need account only for inaccuracies in the test equipment. Throughout this volume the degree of conservatism in methods and parameters is described. This section will reference and supplement these descriptions as appropriate.

2

8.3.1 SYSTEM OPERABILITY

FP&L utilizes additional margin in thermal analysis above the composite curve as shown in Figures 12 and 13. Equipment procured for short term operation (i.e., less than 1/2 hour) has been reviewed to assure that the one hour minimum operability above function time (i.e., 1-1/2 hours) is within the device capability or the device's Component Evaluation Sheet will clearly indicate an exception to NUREG-0588 paragraph 3(4) and justification will be provided. Paragraph 7.0 describes the degree of margin/conservatism in operating time with reference to specific equipment.

2

Furthermore, at both the NTOL meeting on March 16, 1981 and the industry/EQB meetings on July 7-10, 1981, the NRC staff indicated that a margin on temperature (and by inference, pressure) would not be required as a demonstration of qualification provided that the review assumptions and testing methods provided ample demonstration of a margin on time (i.e., operability). Based on the discussions regarding equipment operability assumptions of either 1-1/2 hours or 30 or 180 days presented in Section 7, we believe that a more than sufficient margin on time has been demonstrated. Most equipment required for the short-term is required to operate only during the first five seconds of a large LOCA or MSLB and the assumption of 1 1/2 hours thus provides a time factor of about 90-- even if the LOCA or MSLB were a small break resulting in longer operability time, the environmental

conditions would be much less severe such that time-at-temperature (or other parameter) would be enveloped by the design basis accident. Also, as discussed in Section 7, our review indicated functions of 10 and 30-60 days required post-accident; thus, the long-term operability requirements which typically are 30 and 180 days provides a factor of at least three to six. A smaller accident would be mitigated much more rapidly, providing much more margin. We do not consider it probable that a TMI-type accident resulting in severe core damage with extended post-accident monitoring is likely to occur, based on the Lessons Learned fixes being implemented and the increased awareness of plant operators to prevention and mitigation of transients. 2

Furthermore, inherent in the use of the composite MSLB/LOCA profile is a non-real worst case high irradiation of LOCA (with lower saturated temperature conditions) combined with the high superheated temperature of MSLB (with lower irradiation). 3

Subsequent to the issue of this report and guidebook (November 1981) the Atomic Industrial Forum, NSAC and FPRI/Utility Equipment Qualification Advisory Group have prepared a draft "Nuclear Industry Position Paper on Systems Operating Times" (issue 2 dated 02/02/82) which supports or is generally less conservative than the positions in this submittal. In fact a comparison of the industry draft position and the more conservative St. Lucie 2 positions are defined and described below:

a) Short Term System Operability Requirement

Systems required during the short term are those required to establish control of the accident situation. These include: 2

1) Reactor trip actuation systems
2) Actuation systems required to initiate accident mitigation systems (i.e.; safety injection, containment isolation, containment cooling).
3) Containment isolation valves, provided subsequent failures of those valves have been analyzed to ensure that the accident mitigation efforts will not be affected.

Industry	St. Lucie 2	St. Lucie 2 Margin
20 minutes	90 minutes	$(\frac{90}{20} - 1) = 350\%$

The IEEE 323-1974 requirements for voltage and frequency tolerance is typically enveloped by the industry standards (e.g., NEMA MG-1 for motors, NEMA ICS for control devices) which is the design constraint for the power distribution system design described in FSAR Chapter 8. Appendix G is an excerpt from a training program provided by Ebasco to the NRC which describes how design optimization for voltage, impedance, frequency, equipment current ratings and short circuit ratings are accommodated. The approach described in the appendix was utilized for St. Lucie 2 and verifies the adequacy of equipment design. Furthermore, the NRC staff has reviewed the adequacy of the electrical system design and found it acceptable from a voltage and frequency "margin".

Extended range (beyond the Design Basis Accident) Accident Monitoring Instrumentation is being added to St. Lucie Unit 2 in accordance with a commitment to NUREG-0737 (FSAR Subsection 7.5.3 TMI Related Additional Accident Monitoring Instrumentation) and RG 1.97 Revision 2. There is no requirement for margin for these instruments in accordance with NUREG-0737 Appendix B which states:

> "The qualification environment shall be based on the design basis accident events, except that the assumed maximum of the value of the monitored variable shall be the value equal to the maximum range for the variable. No additional qualification margin needs to be added to the extended range variable. All environmental envelopes, except that pertaining to the variable measured by the information display channel, shall be those associated with the design basis accident events."

Figure 14 indicates the plot of a representative extended range variable (containment pressure) pursuant to NUREG-0737. These extended range variables are also used in the qualification reviews if applicable to TMI-related equipment.

8.3.2 THERMAL AGING/TEMPERATURE MARGIN

The use of the typical accelerated aging techniques (i.e., the application of short time stresses which are more severe than normal stresses) such as the Arrhenius methodology is extremely conservative. The application requires the determination of a readily determined "endpoint" prior to DBA stress. For the materials of major concern (i.e., electrical insulators) the endpoint is determined based on a change in a physical property such as elongation which is determined by lab test methods not generally representative of the installation. 2

For example the typical air-oven testing of electrical cable insulation material in lieu of completed cable assembly (i.e., the insulation typically isolated from air by the inner conductor or outer jacket) is extremely conservative as the change in physical properties (e.g. tensile strength or elongation) is significantly increased in an oxygen rich environment. Furthermore, the as installed cable (as well as all motors and other electrical coils) operating temperature is due to the self-heating (I^2R) of the current carrying conduct with the inner insulation surface limited to the total allowable temperature of the specific insulation while the outer surface is expected to be 10-15C cooler. In addition, the actual current which the cabling (or motor winding) carries is a function of the electrical load which is seldom at the nameplate rating (e.g., the charging pump maximum brake horsepower is 74.8 bhp while the nameplate rating of the motor drive is 125 hp) resulting in a significant reduction in operating temperature as the operating temperature is a function of the square of the operating current.

Actual field experience has demonstrated that the standard IEEE methodology of accelerated thermal aging of insulation systems is conservative. Data correlating IEEE Std 259, "Standard Test Procedure For Evaluation of Systems of Insulation for Specialty Transformers" and field data [5] demonstrated the use of IEEE standard methodology is conservative.

The most recent Class IE motor qualification standard, IEEE 334-74 "Standard For Type Tests of Continuous Duty Class IE Motors for Nuclear Power Generating Stations," is the basis for motor Qualification, Referencing IEEE 117 and IEEE 275 methodology. The use of the methodology contained in IEEE 275 has in fact been utilized for decades for the design of motor insulation systems throughout industry. Westinghouse testing[8] since the early 1950's "represents an accumulation of almost 10,000,000 hours (over 1000 years) of thermal aging time on coils" wherein the conservative IEEE 275 Arrhenius thermal life curve implies a 2-5 year life actual Westinghouse life data exceeds 20-50 years.

8.3.3 INHERENT CONSERVATISM/MARGIN IN DERATING AND APPLICATIONS

2

It is standard practice to utilize electrical equipment on a derated basis as it is a well known phenomena that the life of most parts increases in a continuous manner as the stress level is decreased below rated value. The rated value is typically selected on the basis that this rating will provide satisfactory performance not as an absolute.

For example Appendix E describes real applications of electrical control devices which are derated in their application to provide significant margin (500%, 400%, and 2400%). Furthermore the typical application of much nuclear-safety related equipment is not continuous, the design basis assumably continuous. For example, the electrical equipment serving the containment spray, high pressure safety injection, Class IE diesel generator, auxiliary feedwater and other nuclear safety related loads is only powered for short time periods throughout the plant license duration of 40 years, including operational verification of technical specification (typically monthly) short testing and a short time period after a Design Basis Event. Basic equipment "pre-engineering" assumes that this equipment is continuously energized. Use of the Arrenhius methodology (Appendix H) on a unique "case-by-case" basis (which is not necessary) would demonstrate life far in excess of 40 years plant license duration.

A final comment worth noting is the tendency towards diversity in redundant equipment due to slight differences in operating temperatures. In the technical literature[7] it is reported that the deviation times in failure at twenty years may be as much as four years. Consequently, common mode failures due to aging are less likely as plants age.

For equipment made up of various materials, subject to aging, it is generally impractical to independently accelerate age each material and component separately. Utilizing the "weak-link" or lowest activation energy material as the basis for acceleration aging is extremely conservative. Figure 21 is a Plot of Acceleration Factors Versus Activation Energies for typical materials based on a normal temperature of 30°C for materials with activation energies of 0.4, 0.8, 1.0, and 2.0 eV. This plot based on the methodology described in Appendix H illustrates as an example that acceleration aging at 50°C for a time to bring the "weak-link" component to a "end-of-life" point at ten years (one-fourth of 40 year plant life) would bring the 2.0 eV material to a plant life in excess of 1000 years (725 times plant life). In fact this is the cause for certain test failures wherein the testor significantly averages all but the lowest activation energy material and demonstrates the prudence in not thermal aging equipment as a rule of practice.

Inherent margin and conservatism is further demonstrated by a review of Appendix H part 3 which demonstrates by calculation that the very short duration DBE severe temperatures are in fact insignificant compared to the life deterioration due to equipment function in the range of normal and abnormal temperatures.

2

8.3.4 ACTUAL EXPERIENCE AND INHERENT EQUIPMENT QUALIFICATION

The industry has indicated[10] that "available evidence does not indicate that there will be any significant enhancement to the safety of nuclear power plants by including pre-aging as part of a seismic testing program..." This industry position was significantly enhanced at the August 1982 NRC sponsored Aging Workshop[19].

3

However, the St Lucie 2 qualification programs (at present) continue to conservatively include pre-aging, demonstrate that aging does not adversely affect safety function, or provide testing on un-aged equipment at compensating higher stress levels than that necessary for aged equipment qualifcation.

The electrical equipment typically utilized has decades of successful experience in use and testing to demonstrate adequacy. Whereas the nuclear industry, unfortunately, appears to have specifically addressed deterioration due to aging first in the 1974 issue of IEEE 323 the electrical/electronics industry has been scientifically addressing this issue for decades. For example, typical components listed by Underwriters Laboratories have a generic thermal index[11,12] which is an indication of the materials ability to retain physical/electrical properties at end-of-life. Many electronic components likewise have been demonstrated as non-aging when applied within the constraints included in NRC accepted IEEE 650-1979.

2

For example, Nema Std ICS 1-1978 establishes the test voltage valve for dielectric testing of cable at two times the cable nominal voltage rating plus 1000 volts. For control cable with a nominal insulation valve of 600 volts, the dielectric test value equals 2 x 600 + 1000 or 2200 volts which yields a margin of (2200/600 - 1) = 2.67 or 267% of nominal insulation value.

Since 1966, UL labs has used the IEEE NO. 1 approach as the primary method of evaluating the thermal endurance characteristics of insulating materials.[11] Extensive investigation, analysis plus millions of hours of testing have led to the decision to define the "end-of-life" criteria as the time for each aging temperature, that an insulation property value has degraded to 50% of its unaged level. For the St Lucie 2 600 volt control cable, the "end-of-life" dielectric withstand level is accordingly, quantitatively defined as 1100 volts. Considering a normal St Lucie 2 cable application at 120 volts, even for a cable which has reached an "end-of-life" dielectric withstand of 1100 volts, the resulting applied margin for St Lucie 2 cable dielectric properties is conservatively yielded at 1100/120 = 9.17 or 917% of the nominal St Lucie 2 requirements.

Furthermore, Figure 22[11] clearly establishes that in the combined analysis of all cable property changes arising from thermal degradation due to aging at various temperatures, the critical property (i.e., the first to reach "end-of-life" criteria) is usually some property (i.e., impact strength) other than insulation withstand strength. Additionally, Figure 22 further indicates

that at the "end-of-life" time for the material, the dielectric withstand capability is well in excess of the 50% value which further demonstrates additional conservatism in the applied margin of the St Lucie 2 control cable dielectric withstand property. 2

8.3.5 CONSERVATISM IN ENVIRONMENTAL PARAMETERS

The assumption made in the accident environment analysis, pressure and temperature profiles pursuant to NUREG 0588 (and 10CFR50 Appendix K) which are used in the St Lucie 2 program are inherently conservative and result in more severe conditions than found during the LOFT experiments. As described in Paragraph 8.3.1 use of the composite LOCA/MSLB curve is inherently conservative. 3

The NRC assumption in NUREG 0588 of instantaneous release of radionuclides from the core coincident with the start of an accident is unrealistic as it is not based on consideration of any physical mechanisms. There is ample evidence based on NRC and industry sponsored research (e.g., WASH-1400) to demonstrate substantial conservatism in the NRC assumption as folows:

a) Intermediate Term System Operability Requirement

Systems required during intermediate term are those required to achieve a hot standby or shutdown condition of the reactor and primary systems. Depending upon the accident, these include systems such as:

1) Active and passive core cooling systems
2) Secondary heat removal systems in a PWR
3) Containment spray systems
4) Containment isolation systems
5) A minimum set of auxiliary support systems required to support functioning of the primary safety systems listed in a, b, c, and d above. These include onsite power systems, cooling water systems. 2
6) A subset of accident monitoring instrumentation systems.

Industry	St. Lucie 2	St. Lucie 2 Margin
24 hours	30 days (720 hours)	$(\frac{720}{24} - 1) = 2900\%$

b) Long Term System Operability Requirements

Systems required during the long term mode of operation are those installed to provide long term decay heat removal function, and post accident monitoring function. These are limited to the:

1) Decay heat removal system
2) Instrumentation required to monitor containment pressure and radiation, Reactor coolant system sampling, Secondary heat removal system, (i.e., Auxiliary Feedwater) operational monitoring and decay heat removal system operational monitoring.
3) Electrical power distribution system required for those systems in a and b above to continue functioning.

Industry	St. Lucie 2	St. Lucie 2 Margin
up to 15 days (typically)	180 days	$(\frac{180}{15} - 1) = 1100\%$

1) The core cannot begin to melt, and, thus, release the bulk of its contained radionuclide inventory, for a time period of at least, on the order of, 10 minutes, under the worst case accident scenario.

2) Even as the core meltdown begins all radionuclides would not be released at once and at some point in time, but, rather, would be released over some extended period of time.

3) Different radionuclides would have different release rates. In addition, the chemical form of the fission products released from fuel is of equal importance to the percent that is released. In particular, it is inconsistent to assume a release of 50% of the core activity of iodine and 50% of the core activity of cesium without also considering that the predominant form will be CsI. 2

8.4 AGING EFFECTS CONSIDERATION

The positions of Paragraph 4.0 of NUREG-0588 are adopted by St. Lucie Unit 2 with the following clarifications:

a) Subparagraph 4(1). Aging effects are considered for all safety-related components. Included in this program are various approaches which are applied in accordance with equipment type (active or passive component) aging mechanism (thermal and/or mechanical) and environmental exposure (harsh or mild).

For example, an NRC staff acceptable approach for electronics components is the use of IEEE 650-1979 as documented in IEB 79-01B Supplement 2 (question/answer 7).

In addition, the standards to which much electrical equipment is procured include standard mechanical cycling in its design qualification. A comparison of the required service life (e.g., number of operations) to equipment capability may demonstrate aging stress is insignificant due to the small percentage of operations vs. capability. Refer to Appendix E.

Where aging is significant as described in the paragraph below, accelerated aging methodology is used.

b) Subparagraph 4(3). A review of the literature on synergistic effects has been performed to determine the present "state-of-the-art". The "state-of-the-art" synergistic effect determinations are factored into the St Lucie 2 program. Refer to Appendix J.

Aging considers storage time, testing time, as well as normal service and post design basis accident service. Unless indicated otherwise on the specific Component Evaluation Sheets, the applicant conservatively assume DBA occurs on the last day of licensed operation.

c) Subparagraph 4(4). In addition to the Arrhenius methodology, the methodology of IEEE-650 and mechanical cycling as described in paragraph (a) above has been be used. Figure 15 is used with the IEEE-650 approach. Appendix H is the program for use of Arrhenius methodology.

d) Subparagraph 4(7). The Applicant is in general concurrence that periodic maintenance alone should not be the basis for on-going qualification. However a surveillance and preventive maintenance program in which operability is enhanced such as cleaning or replacing contacts where a known degradation mechanism is available is considered to be an acceptable approach to extend life beyond that available without such surveillance/maintenance.

e) Subparagraph 4(8). Exclusion of relative humidity for cable qualification implies relative humidity must be included for other components. Equipment subject to LOCA, MSLB, HELB envelopes the normal humidity stress. Equipment in mild environments does not see a humidity condition which has known detrimental effects. Furthermore, the Applicant and NRC staff (in NUREG-0588 Rev. 1 comment resolution 89) are in agreement that a literature search or operating experience is an acceptable basis to not include rigorous humidity testing.

Additional comments regarding aging are provided below:

Metallic materials such as control board structures are generally excluded from aging as their only practical failure mode is structural which is addressed in Section 3.10 of the FSAR. The aforementioned metallic structure may be classified as non-age sensitive. Age sensitive classified components are aged to the "end-of-life" condition (or plant life condition) prior to further testing. In general the Arrhenius equation will be used to determine an acceleration aging time consistent with NUREG 0588 paragraph 4(4) and industry practice(9). 2

When the stress associated with a DBA is of a type which does not relate to aging such as capacitors located in the mild control room environment (i.e., only "stressed" by seismic events) accelerated aging may not be performed.

Furthermore, the requirement that aging, not insignificant aging, be considered is the intent of IEEE 323-1974 as clarified in IEEE 323A-1975. The Applicant's program on significant aging is in full agreement with the NRC's definition and was provided at the July 7-10 meetings as follows:

- "Aging promotes same failure mode as DBE"
- "Aging adversely affects equipment's ability to perform safety function"
- "Aging causes degradation, during service life, which could lead to failure during DBE"

8.5 DOCUMENTATION

The documentation requirements of NUREG-0588 paragraph 5 will be adhered to. In addition, the format for documentation submittal to the USNRC is included as figures attached to this report described in Section 9 and the overview Figure 1. 3

9.0 FORMAT OF DOCUMENTATION SUBMITTAL TO USNRC

As described in Section 2.0 of this report, a review of the applicable EQ documents revealed that an adequate basis for EQ should be based on USNRC direction/information given to Operating Plants, OL plants, NTOL plants and CP plants. Consequently, all these documents were reviewed to produce report formats which satisfy the various information requests of the USNRC as well as provide the basis for maintaining the EQ program current during plant operation/maintenance. These format documents can be summarized as follows. | 2

9.1 MASTER LIST (FIGURE 16) - List found in Volume 2 of this report | 3

IEB 79-01B format with the addition of:

Component Name

Function/Service

Manufacturer

Model or Serial #

Environmental Category

Functional Category | 3

Data Source

(For further description of the elements of the Master List See Volume 2 Master List, "Explanation & Legend for the Master List") | 3

In the determination of the equipment and components which appear on the Master List the Applicant does not specifically identify on a process system basis every cable, wire, splice and terminal used to minimize the reviewers need to read through thousands of similar entries. In addition, the Applicant does not specifically list on a process system basis every use of the main control board and power distribution system which supports all other systems.

These electrical safety-related components are grouped as "supporting system" and arbitrarily assigned a system number as shown in Table 5. | 3

9.2 COMPONENT EVALUATION SHEETS (FIGURE 17) - List found in Volume 3 of this report | 3

IEB 79-01B format with the addition of:

Equipment Type

Environmental Category

NUREG-0588 App E Category

Documentation Package # | 3

Harsh/Mild Indication

Purchase Order

Control Wiring Diagram Number

Specification

Subcomponents

Installation Information

Physical Dwg Reference

Qualified Life

Replacement/Maintenance Interval

Qualification Status

2

In the determination of equipment types which appear on the Component Evaluation Sheets, Figure 17, FP&L reviewed Appendix E to NUREG-0588 and supplemented the 17 NRC listed equipment types with approximately 40 more. The equipment types used in the EQ program, all of which are not included in this submittal, are shown in Table 6.

9.3 CHECKLIST (FIGURE 25) - (VOLUME 4)

This list is generated as an aid to the reviewer. It separates equipment by its EQ documentation Package#. This results in equipment being grouped by manufacturer & model#, so that all similar items may be reviewed simultaneously.

3

The elements of the checklist are the same as those in the Master List.

9.4 INDEX - (VOLUME 4)

This is a cross referencing tool. There are three reports that list a record by CES#, Tag# or Status of the record. The status of the record indicates whether the record has been changed, deleted or added since the last revision.

9.5 PUNCHLIST REPORT - VOLUME 4

The punchlist report shows any outstanding qualification items that may effect the qualification documentation package. The punchlist is sorted by package number and all the tag no's associated with that package are listed.

11.0 DESIGN MODIFICATIONS AND SURVEILLANCE/MAINTENANCE PROGRAM 3

11.1 DESIGN MODIFICATIONS

Florida Power & Light Company will have in effect a design control and QA program which assures that a design modification or change to previously qualified equipment does not invalidate the qualification of the equipment. Furthermore, change subsequent to plant operation will be reviewed against the requirements of 10CFR50.59.

11.2 SURVEILLANCE/MAINTENANCE PROGRAM

Florida Power & Light also has developed a surveillance and maintenance program that relates to the continuing qualification of electrical equipment installed at St Lucie Unit 2.

As part of the NUREG-0588 review, equipment evaluations are prepared identifying equipment or components with a potential for age-related degradation. Whenever testing and analysis shows that the demonstrated qualified life is less than the specified 40 years, replacement of the equipment or critical component will be scheduled utilizing the preventive maintenance program already in effect at the St Lucie Plant. In addition, the manufacturers recommended maintenance, such as lubrication, cycling, cleaning, etc., will be incorporated into the same preventive maintenance program. Florida Power & Light utilizes a computerized maintenance reporting system at the power plants. This system includes feedback on failure causes, corrective action and completion data. This system is also utilized to report completion of preventive maintenance and Technical Specification surveillances. We are examining the feasibility of utilizing this system, or a like system, for the purpose of identifying failure data thay may indicate age-related degradation not accounted for in the qualification program. 3

Florida Power & Light engineering is currently reviewing electrical equipment replacement/spare parts requisitions and insuring that the proper environmental parameters and documentation are specified.

Florida Power & Light is closely following the industry work in the area of identification of age-related degradation in electrical equipment. Currently, we will implement the surveillance program as described in the plant technical specifications. This program is designed to assure operability of critical safety systems, as well as selected calibrations, logic safety related functional tests, time response characteristics, etc. In addition we are reviewing the previously mentioned computerized reporting system for applicability to determine age-related degradation and our standard maintenance practices to incorporate lessons learned on maintaining equipment in its qualified condition.

At the present time, we have organized a corporate task force to formulate the guidelines to ensure qualified life and proper maintenance of safety related equipment. Program implementation will begin by the plant commercial operations date.

The definition of "complete" for site audit purposes has been agreed to between FP&L and the NRC[15] as follows:

"Complete" is defined as either

a) equipment is fully qualified or

b) equipment is not qualified but review of documentation has been completed, deficiencies identified, and a commitment to one of the following made, with a schedule for completion.

1) Retest

2) Replace

3 Relocate

4) Modify

5) Analyze existing test data - consists of minor analysis which will likely lead to qualification of equipment (e.g., Arrhenius calculations).

3

"Complete" does not include searches for additional test reports, recalculation of environments for specific pieces of equipment, reevaluation of the need for performing a safety function, etc. Flooding effects shall have been evaluated.

12.3 CHECKLISTS, SUPPLEMENTARY REVIEW SHEETS AND FIELD VERIFICATION, RADIATION ZONE, PIPE BREAK ZONE AND TEMPERATURE MAPS

As backup to the submittal to the USNRC (available for the site audit) are the following documents:

12.3.1 ENVIRONMENTAL QUALIFICATION CHECKLIST/DOCUMENTATION PACKAGES

This checklist provides an in-depth guide through the requirements of IEEE 323 and NUREG 0588 to assure consistent, accurate and thorough environmental qualification review. A sample checklist associated with a documentation package is included as Appendix K. The documentation packages outlined in the checklist will be located in the Central File and available for NRC site audit.

As indicated in Section 7.0, FP&L has typically procured equipment on a "lot" basis for the worst case environment. Therefore, each lot of components was qualified for a harsh environment whether a specific item was located in the containment or elsewhere in the plant.

The various NRC positions and concerns[6] on actual submittals (SEP and 79-01B plants) reviewed by the NRC contractor (Franklin Research Center) are considered in the detailed evaluation program. For example, the concern for terminal block failure in the harsh containment environment is not pertinent to St. Lucie Unit 2 as no Class IE termination in containment utilizes terminal blocks other than those internal to equipment which has been fully type tested.

12.3.2 SUPPLEMENTARY REVIEW SHEETS

When a need to extrapolate data or to review parameters further was discovered by using the detailed check list, it is identified on the Component Evaluation Sheet (see Figure 17).

Figure 18 is the Environmental Qualification Supplementary Review Report typically utilized. This form provides the formal documentation basis used for analysis effort.

12.3.3 FIELD VERIFICATION SHEET

To assure the adequacy of installation and that the equipment is installed and ready for NRC audit a field Verification Sheet is prepared, see Figure 19.

12.3.4 EQUIPMENT DOSE MAPS

Equipment Dose Maps are used when the cognizant lead engineer, in his initial application of the conservative and generically oriented equipment dose guidelines, as given in the FSAR, becomes aware of potentially insufficient radiation aging qualification. If radiation qualification data is absent, or if the total dose for which the equipment is qualified is less than that shown in the FSAR, then a more detailed radiation qualification analysis must be performed.

13.0 QUALIFICATION STATUS

Subsequent to completion of the detailed review of environmental qualification, the qualification of each component is placed in one of several categories as follows:

13.1 QUALIFIED-WITHOUT EXCEPTION

Inclusion in this category was based upon the existing qualification documentation indicating that the equipment will be capable of performing its intended function at any time during its qualified life even though it may be subject to the harsh environment postulated.

13.2 QUALIFIED - AWAITING CONFIRMATORY DATA

This category was selected when most of the analysis was completed, but total compliance with requirements of this report was not yet fully documented. Equipment in this category is satisfactory for plant operation based on high engineering confidence. Confirmatory data or analysis is in process to substantiate complete qualification.

Included in this category is equipment which has previously been found acceptable on nuclear projects and is undergoing "state-of-the-art" qualification to the latest standards.

13.3 QUALIFIED-FOR INTERIM OPERATION

This category is selected when analysis was used to demonstrate qualification without substantial documentation. An example would be an inorganic insulation based heater utilizing metallic sheaths (e.g., stainless steel, inconel 600, etc.) and magnesium oxide (M_gO) insulation which requires vendor certification of catalog data for this non-age-sensitive and extremely radiation-resistant equipment.

13.4 RELOCATE EQUIPMENT

This category is selected when equipment is not readily demonstrated to be qualified for its installation location. The actual equipment may actually be suitable for its original location; however, the time and resources necessary to demonstrate qualification is not cost-effective against simple relocation.

13.5 SHIELD EQUIPMENT

This category is selected when equipment is not readily demonstrated to be qualified for its installed location and simple shielding (e.g., from beta radiation) can assure adequacy of qualification.

13.6 RETEST EQUIPMENT

This category is selected when equipment is undergoing testing or retesting so that equipment can meet the newest standards of qualification. This includes generic industry testing ongoing at this time (e.g., ITT Barton Model 763 and 764 transmitters). 3

13.7 QUALIFIED WITH SURVEILLANCE/MAINTENANCE (NOT USED)

This category is reserved for equipment which is not readily demonstrated to be qualified by test without use of periodic surveillance for degradation. A requirement for this classification is that the equipment have a known wearout rate and suitable surveillance intervals are available to monitor and determine equipment qualification such that equipment will not be degraded to the point that safety function is impaired between surveillance/maintenance interval.

It should be noted that all safety-related equipment is subject to the Technical Specifications presently under preparation. A review of NUREG-0212 Revision 2, "Standard Technical Specifications for Combustion Engineering Pressurized Water Reactors" Fall 1980, the foundation for the St Lucie 2 effort in progress demonstrates even when no credit in the the qualification process is taken for surveillance and periodic testing it is undertaken. Furthermore, "standby equipment" such as the containment spray pump drive would be insulation resistance tested (a test which indicates degradation) prior to the technical specification periodic automatic "simulated accident" starts. In addition, specific staff attention is evidenced by such NRC questions as 430.75.

13.8 REPLACE EQUIPMENT

This category is selected when it is difficult to demonstrate adequate qualification and it is prudent on a time/schedule/cost basis to simply replace equipment whose qualification is suspect. 2

13.9 QUALIFIED - PENDING RE-ANALYSIS

This category is selected when location of equipment or other parameters results in equipment which is considered qualified must be qualified to new environmental and service equipment. The re-analysis is typically a combination test and extrapolation.

14.0 SPECIFIC REFERENCES USED IN TEXT

(1) Dr. F. Ross Jr., ONRR Letter, "Issuance of NUREG-0588, Interim Staff Position on Environmental Qualification of Safty-Related Equipment," dated February 5, 1980.

(2) D.F. Ross Jr., ONRR Letter, "Qualification of Safety-Related Electric Equipment," dated February 21, 1980.

(3) Dr. R.E. Uhrig (FP&L) Letter L-81-348 to D. Eisenhut (NRC) dated August 11, 1981.

(4) Dr. R.E. Uhrig (FP&L) Letter L-81-362 to D. Eisenhut (NRC) dated August 19, 1981.

(5) S.J. Antalis and G.M. Bell, "Predicting Transformer Lift Through System Technology" Insulation/Circuits, April 1972, pp. 55-60.

(6) "Notes of the Conference of the NRC Environmental Qualifications Workshop Meeting at the Holiday Inn 8201 Wisconsin Avenue Bethesda, Maryland on July 7, 8, 9, and 10, 1981" prepared by NUS Corporation, J.C. Plunkett, Jr. Manager Licensing Information Service, CD-LIS-7017, July 20, 1981.

(7) EPRI NP-1558, "A Review of Equipment Aging Theory and Technology" prepared by Franklin Research Center, Philadelphia, PA., Sept. 1980.

(8) Technical Paper F 78022-6, "Evaluation of AC Motor Insulation Systems By IEEE 275" By J C Bolts and S J Stabile (Westinghouse Electric Corp.) Presented at the IEEE PES Winter Meeting January 29-February 3, 1978.

(9) IEEE 101-1972, "IEEE Guide for the Statistical Analysis of Thermal Life Test Data." 2

(10) Richard M Eckert (Chairman, Committee on Power Plant Design Construction[2] Operation of the Atomic Industrial Forum) letter to Mr Harold Denton (Director, Office of Nuclear Reactor Regulation) dated January 4, 1982 transmitting, "A Nuclear Industry Position Regarding the One-Hour Minimum Operating Time Margin Requirement" and, "A Nuclear Industry Position Regarding Concerns For Seismic Qualification of Safety Related Electric Equipment Subjected to Mild Environments."

(11) Howard Reymers "A New Temperature Idea: Who Needs It, What Does It Tell," Modern Plastics, Sept 1970 pp 78-81.

(12) (See Note)

(13) (See Note)

(14) Dr. R. E. Uhrig (FP&L) Letter L-82-09 to 3

(15) V Nerses (Project Manager NRC) Memorandum, "Summary of meeting held in Bethesda, Maryland with FP&L on March 2, 1982 regarding Equipment Qualification", dated April 6, 1982.

(16) Darrell G Eisenhut, Director Division of Licensing, Generic Letter 82-09, "Environmental Qualification of Safety-Related Electrical Equipment" dated April 20, 1982.

(17) USNRC Site Audit of St Lucie Unit #2 July 13 - 17, 1982.

(18) NUREG 0800 Rev. 2 July 1981 - "USNRC Standard Review Plan".

(19) Rulemaking Issue Affirmation SECY 82-207 dated May 24, 1982 "Final Rule Environmental Qualification of Safety-Related Electric Equipment for Nuclear Power Plants".

(20) USNRC sponsored, "Workshop on Nuclear Power Plant Aging", August 4 & 5, 1982, in Bethesda, Maryland.

Note: These numbers were not used

3

TABLE 1

ST. LUCIE SYSTEM DESIGNATION

System #	System Title (Function)
00	Integ. Leak Rate Test System
01	Reactor Coolant System
01	Auxiliary Coolant System
01	Nitrogen Gas System
01	Fire Water, Domes. & Makeup System
02	Chemical & Vol Control System
03	Safety Injection System
04	Fuel Pool System
05	Sampling System
06	Waste Management System
07	Containment Spray System
08	Main Steam System
09	Feedwater System
09	Auxiliary Feedwater System
10	Extraction Steam System
10	Hot Reheat Steam System
10	Cold Reheat Steam System
11	Heater Drain & Vents System
11	Heater Drain & Vents System
11	Vents System
12	Condensate & Air Evacuat. System
12	Condensate System
12	Air-Evacuation System
13	Turbine Cool Water System
14	Component Cooling System
15	Fire Water, Dom. & Makeup System
15	Fire Protection System
15	Well Water System
15	Treated Water System
15	Demineralized Water System
15	Service Water System
16	Auxiliary Steam System
17	Lube Oil & Diesel Oil System
17	Lube Oil System
17	Diesel Oil System
18	Instrument & Station Air System
18	Instrument Air System
18	Station Air System
19	Not Used System
20	Chemical Feed System
21	Circulating Water System
22	Turbine Generator System
22	Hydrogen Gas System
22	Carbon Dioxide System

TABLE 1 (Cont'd)

System #	System Title (Function)
22	Seal Oil System
23	Blowdown System
24	Miscellan. Drains System
25	Heating & Ventilating System
25	Dies Gen Bdg & Intake St Ex System
25	CEDM Cooling System
25	Fuel Pool Vent System
25	Reactor Cav. Cooling System
25	Reactor Sup. Cooling System
25	Cont. Vac. Relief System
25	Cont. Fan Coolers System
25	Control Rm AC System
25	Toilets & Kitchen Ex. System
25	ECCS Ventilating System
25	Containment Purge System
25	Shield Bldg. Vent System
26	Radiation Monitoring System
27	Hydrogen Sampling System
28	Condensate Recovery System
29	Miscellan. Gas Supply System
30	Not Used System
31	Processed Blowdown System
32	Sluiced Water System
33	Spent Drain System
34	Closed Blowdown Cooling System
35	Air Blower System
36	Blowdwon Waste Mgmt System
29	Nitrogen System
38	Demineralized Water System
40	Hypochlorination System
47	Interruptible Power (NS) System
48	Direct Current (NS) System
49	Inverter (UPS) (NS) System
50	Interruptible Power System
51	Direct Current System
52	Inverter (UPS, MA,...) System
53	Cable & Raceway System
54	Penetrations System
55	Cable Assemblies System
84	Control Boards and Panels System
85	Safety Assessment System
86	Sequence of Events System

TABLE 3

ST LUCIE UNIT 2

REPRESENTATIVE ENVIRONMENTAL CONDITIONS
(CONTAINMENT BUILDING)

ENVIR. DESIGN CATEG.=A (FROM FSAR TABLE 3.11-1)

ENVIRON'TL ZONE AREA	AREA BOUNDS X	Y	Z	RADIUS	H/M	TEMPERATURE	PRESSURE	REL. HUMIDITY	CHEM. SPRAY	RADIATION	SUBMERGENCE	REFER. ZONE MAP
RB15	687. 0	1500. 0	-2.0 44.0	71.	H	120F NORM FIG3.11-3 (ACC. DBA)	OPSIG NORM FIG3.11-2A (ACC. DBA)	45 to 100% 100% (ACC. DBA)	1720-2150 PPM B. 50- 65PPM HYDZ PH 4.9-7.0	SEE VALUES OF RB15A RB15B	26.0 FT FIG. 11	365
RB15A	687. 0	1500. 0	-2.0 44.0	50.	H	120F NORM FIG3.11-3 (ACC. DBA)	OPSIG NORM FIG3.11-2A (ACC. DBA)	45 to 100% 100% (ACC. DBA)	1720-2150 PPM B. 50- 65PPM HYDZ PH 4.9-7.0	1.8E61.2E6 2.9E75.3E6 3.3E76.6E6 7.0E53.0E6	26.0 FT FIG. 11	365
RB15B	687. 0	1500. 0	-2.0 61.0	71.0	H	120F NORM FIG3.11-3 (ACC. DBA)	OPSIG NORM FIG3.11-2A (ACC. DBA)	45 to 100% 100% (ACC. DBA)	1720-2150 PPM B. 50- 65PPM HYDZ PH 4.9-7.0	2.0E63.0E5 5.8E76.2E5 3.7E72.4E6 4.8E73.8E6	26.0 FT FIG. 11	365
RB15X1	675. 700.	1518. 1565.	22.0 36.0	-	H	120F NORM FIG3.11-3 (ACC. DBA)	OPSIG NORM FIG3.11-2A (ACC. DBA)	45 to 100% 100% (ACC. DBA)	1720-2150 PPM B. 50- 65PPM HYDZ PH 4.9-7.0	3.4E65.0E5 3.9E72.9E6 4.5E73.2E6 1.0E55.0E5	26.0 FT FIG. 11	365
RB15X2	675. 700.	1494. 1565.	36.0 62.0	-	H	120F NORM FIG3.11-3 (ACC. DBA)	OPSIG NORM FIG3.11-2A (ACC. DBA)	45 to 100% 100% (ACC. DBA)	1720-2150 PPM B. 50- 65PPM HYDZ PH 4.9-7.0	3.4E65.0E5 3.9E72.9E6 4.5E73.2E6 1.0E55.0E5	NOT APPLICABLE	365
RB19	687. 0	1500. 0	10.0 226.0	74.	H	110F NORM FIG3.11-3 (ACC. DBA)	-.5PSIGNRM FIG6.2-55 (ACC. DBA)	65% 100% (ACC. DBA)	NOT APPLICABLE	2.7E65.2E5 4.0E73.2E6 4.8E73.8E6 6.0E41.5E6	NOT APPLICABLE	365

TABLE 4

ANSI/ANS 56.5 - 1979
ACCEPTABLE SPRAY ADDITIVE SOLUTIONS

	Sodium Hydroxide	Sodium Thiosulfate	Hydrazine
Spray Concentration pH during injection phase (Short-term)	pH = 8.5-11.0	pH = 8.5-11.0	no pH adjustment
Long-Term Concentration during spray recirculation	pH = 8.5-9.5	pH = 8.0-8.5	pH = 7.0-8.5

TABLE 5

"SUPPORTING SYSTEMS" ADDED FOR ACCOUNTABILITY

System No.	System Title Function
47	Interruptible Power System (NS)
48	Direct Current System (NS)
49	Inverter (UPS) System (NS)
50	Interruptible Power System
51	Direct Current System
52	Inverter System (UPS, MA,...)
53	Cable & Raceway System
54	Penetrations System
55	Cable Assemblies System
(Numbers 56 through 83 are presently not utilized)	
84	Control Boards and Panels System
85	Safety Assessment System
86	Sequence of Events System

TABLE 3

ST LUCIE UNIT 2

REPRESENTATIVE ENVIRONMENTAL CONDITIONS
(CONTAINMENT BUILDING)

ENVIR. DESIGN CATEG.-A (INITIALLY FROM FSAR TABLE 3.11-1)

ENVIRON'TL ZONE AREA	AREA BOUNDS			RADIUS	H/M	TEMPERATURE	PRESSURE	REL. HUMIDITY	CHEM. SPRAY	RADIATION	SUBMERGENCE	REFER. ZONE MAP
RB15	687. 0	1500. 0	-2.0 44.0	71.	H	120F NORM FIG3.11-3 (ACC. DBA)	OPSIG NORM FIG3.11-2A (ACC. DBA)	45 to 100% 100% (ACC. DBA)	1720-2150 PPM B. 50- 65PPM HYDZ PH 4.9-7.0	SEE VALUES OF RB15A RB15B	26.0 FT FIG. 11	365
RB15A	687. 0	1500. 0	-2.0 44.0	50.	H	120F NORM FIG3.11-3 (ACC. DBA)	OPSIG NORM FIG3.11-2A (ACC. DBA)	45 to 100% 100% (ACC. DBA)	1720-2150 PPM B. 50- 65PPM HYDZ PH 4.9-7.0	1.8E61.2E6 2.9E75.3E6 3.3E76.6E6 7.0E53.0E6	26.0 FT FIG. 11	365
RB15B	687.	1500.	-2.0	71.0	H	120F NORM FIG3.11-3 (ACC. DBA)	OPSIG NORM FIG3.11-2A (ACC. DBA)	45 to 100% 100% (ACC. DBA)	1720-2150 PPM B. 50- 65PPM HYDZ PH 4.9-7.0	2.0E63.0E5 5.8E76.2E5 3.7E72.4E6 4.8E73.8E6	26.0 FT FIG. 11	365
RB15X1	675. 700.	1518. 1565.	22.0 36.0	-	H	120F NORM FIG3.11-3 (ACC. DBA)	OPSIG NORM FIG3.11-2A (ACC. DBA)	45 to 100% 100% (ACC. DBA)	1720-2150 PPM B. 50- 65PPM HYDZ PH 4.9-7.0	3.4E65.0E5 3.9E72.9E6 4.5E73.2E6 1.0E55.0E5	26.0 FT FIG. 11	365
RB15X2	675. 700.	1494. 1565.	36.0 62.0	-	H	120F NORM FIG3.11-3 (ACC. DBA)	OPSIG NORM FIG3.11-2A (ACC. DBA)	45 to 100% 100% (ACC. DBA)	1720-2150 PPM B. 50- 65PPM HYDZ PH 4.9-7.0	3.4E65.0E5 3.9E72.9E6 4.5E73.2E6 1.0E55.0E5	NOT APPLICABLE	365
RB19	687. 0	1500. 0	10.0 226.0	74.	H	110F NORM FIG3.11-3 (ACC. DBA)	-.5PSIGNRM FIG6.2-55 (ACC. DBA)	65% 100% (ACC. DBA)	NOT APPLICABLE	2.7E65.2E5 4.0E73.2E6 4.8E73.8E6 6.0E41.5E6	NOT APPLICABLE	365

T3-1

Revision 3, (8/82)

TABLE 7

LIST OF ST LUCIE UNIT NO. 2 SYSTEMS NEEDED TO PERFORM MAJOR SAFETY FUNCTIONS (1)

SYSTEM NAME	System Abbreviation	System Number	Emergency Reactor Shutdown	Containment Isolation	Reactor Core Cooling	Containment Heat Removal	Core Residual Heat Removal	Prevention of Significant Release of Radioactive Material to Environment	Support Systems
Reactor Coolant	RC	01	X						
Nitrogen Gas	NG	01		X					
Chemical & Volume Control	CH	02	X	X					
Safety Injection	SI	03		X	X				
Sampling	SS	05		X				X	
Waste Management	WM	06		X		X			
Containment Spray	CS	07		X		X			
Main Steam	MS	08		X			X		
Feedwater	FW	09		X			X		
Component Cooling	CC	14		X			X		
Fire Water, Domestic & Make-up		15		X					
Instrument Air	IA	18		X					
Blowdown	B	23		X					
Containment Purge	CP	25		X				X	
Containment Vacuum Relief	CV	25		X.				X	
Containment Fan Coolers	FC	25				X			
Shield Building Ventilation System	SV	25						X	
Radiation Monitoring	RM	26						X	

2

Revision 2, (4/82)

TABLE 7 Cont'd)

SYSTEM NAME	System Abbreviation	System Number	Emergency Reactor Shutdown	Containment Isolation	Reactor Core Cooling	Containment Heat Removal	Core Residual Heat Removal	Prevention of Significant Release of Radioactive Material to Environment	Support Systems
Hydrogen Sampling	HS	27		X					
Interruptible Power	UI	50							X
Direct Current	DC	51							X
Inverter (UPS, MA...)	IN	52							X
Heating & Ventilating:	HV	25							X
ECCS Area Control Room Diesel Gen Bldg									
Emergency Diesel Generator									X
Shutdown Heat Exchanger									X
Reactor Protection System	RPS								X (2)
Engineered Safety Features Actuation System	ESFAS								X (2)

T7-2

Revision 2, (4/82)

NOTES: (1) These safety functions were identified by the NRC at the July 7 - July 10, 1981 meeting in Bethesda, Maryland for NRC Requirements Regarding the Environmental Qualification of Safety Related Electrical Equipment.

(2) These systems do not represent actual process systems but are logic functions performed on signals from process systems.

TABLE 8

COMPARISON OF TABLE 3.2-1 OF SL2 FSAR WITH SYSTEM DESCRIPTIONS OF THE EQ REPORT AND GUIDEBOOK (1)

	EQ NOTATIONS
STRUCTURE	**STRUCTURE**
Shield Building Containment Vessel Reactor Building interior structures Reactor Auxiliary Building Diesel Generator Building Intake Structure Fuel Handling Building Component Cooling Area Structure Diesel Oil Storage Tank Building Condensate Storage Tank Building Steel Missile Barriers (RAB, Intake Str, DGB, CCWB, Condensate Storage Tank Building) Spent Fuel Pool and Liner Spent and New Fuel Storage Racks Main Steam Trestle Biological Shielding within RAB and FHB Radiation Shielding Roofs of Safety-Related Structures Class 1 backfill around safety-related structures Spent Fuel Cask Emergency Cooling Water Canal Slope	All items in this category pertain to structural components of the plant. They were not addressed in the EQ Report and Guidebook due to the criteria established by NUREG-0588 as applicable to electrical equipment. 3
SYSTEMS AND COMPONENTS	**SYSTEMS AND COMPONENTS**
A. Reactor Coolant System 1. Reactor Vessel 2. Reactor Vessel internals 3. Control rod drive mechanisms 4. Control element assemblies 5. Pressurizer 6. Steam generator a) Primary side b) Secondary side 7. Reactor coolant pump 8. Piping and valves which are part of RCPB 9. Reactor protection instrumentation	A. The Reactor Coolant System is identified as System #01 in Table 1 See Note (2).

TABLE 8 (Cont'd)

B. Safety Injection System 1. Safety injection tanks 2. Refueling water tank 3. Pumps 4. Piping and valves a) Part of RCPB b) Required only for initial injection c) Required for long term post-accident cooling d) Whose failure would prevent operation of portions of system covered in (a), (b) or (c) e) Normally isolated or automatically isolated from parts of system covered by (a), (b) or (c) 5. Instrumentation	B. The Safety Injection System is identified as System #03 in Table 1 See Note (2).
C. Shutdown Cooling System 1. Heat exchangers a) Reactor coolant side b) Component cooling water side 2. Piping and valves a) Part of RCPB b) Required for residual heat removal c) Normally isolated or automatically isolated from parts of system covered by (a) or (b) 3. Instrumentation	C. The Shutdown Cooling System is not identified as a system, but as a safety function initiated by multiple safety systems- (see Table 7). Shutdown cooling is synonymous with Core Residual Heat Removal identified on Table 7. See Note (2).
D. Chemical Volume and Control System 1. Charging pumps 2. Boric acid makeup tanks 3. Boric acid pumps 4. Letdown heat exchanger 5. Regenerative heat exchanger 6. Volume control tank 7. Boric acid batching tank 8. Ion exchangers 9. Pulsation dampers 10. Suction stabilizers 11. Piping and valves a) Part of RCPB b) Required for letdown	D. The Chemical Volume and Control System is identified as System #02 in Table 1 See Note (2).

3

TABLE 8 (Cont'd)

D. Chemical Volume and Control System (Cont'd) c) Required for post-accident injection of boric acid d) Normally or automatically isolated from parts of system covered by (a), (b) or (c) 12. Instrumentation	
E. Containment Spray System 1. Pumps 2. Spray nozzles 3. Piping and valves a) Required for spray and recirculation b) Normally or automatically isolated from parts of system covered by (a) 4. Instrumentation	E. The Containment Spray System is identified as System #07 in Table 1. See Note (2).
F. Waste Management System 1. Reactor drain tank 2. Flash tank 3. Reactor drain pumps 4. Holdup tanks 5. Spent resin tank 6. Flash tank pumps 7. Gas decay tanks 8. Waste gas compressors 9. Gas decay tanks 10. Piping not part of Containment Isolation and Gas Decay Tank Isolation 11. Piping and Valves for Gas Decay Tank Isol 12. Piping and Valves for Containment Isol 13. Radiation monitoring instrumentation 14. Flash tank gas vent trap 15. All other WMS components	F. The Waste Management System is identified as System #06 in Table 1. See Note (2).
G. Containment Cooling System 1. Fan coolers 2. Ductwork 3. Instrumentation	G. The Containment Cooling System is listed as a safety function composed of multiple safety systems. See Table 7. See Note (2).

3

TABLE 8 (Cont'd)

H. Component Cooling Water System 1. Pumps 2. Surge tank 3. Heat exchangers 4. Piping and valves a) Required for performance of safety functions b) Normally or automatically isolated from parts of system covered by (a) 5. Instrumentation	H. The Component Cooling Water System is listed as System #14 in Table 1. See Note (2).
I. Cooling Water Systems 1. Intake cooling water pumps 2. Circulating water pumps 3. Piping and valves a) Required for performance of safety functions b) Normally or automatically isolated from parts of system covered by (a) 4. Instrumentation	I. The Cooling Water System is part of the circulating water system - System #21 in Table 1. See Note (2).
J. Containment Isolation System 1. Piping and valves (of all systems penetrating containment) a) Part of RCPB b) From first isolation valve inside containment or from containment penetration weld to outermost isolation valve (if not part of RCPB) 2. Instrumentation	J. The Containment Isolation System is listed as a safety function on Table 7 comprised of multiple systems. See Note (2).
K. Main Steam and Feedwater Systems 1. Piping and Valves from steam generator to outermost isolation valve 2. Instrumentation	K. The Main Steam and Feedwater Systems are listed separately. The Main Steam System is System #08 and the Feedwater System is System #09 of Table 1. See Note (2).

3

TABLE 8 (Cont'd)

L. Auxiliary Feedwater System 1. Pumps 2. Condensate storage tank 3. Piping and valves a) not normally or automatically isolated from Quality Group B components b) Required for performance of safety functions 4. Instrumentation	L. The Auxiliary Feedwater System is a subsystem of the Feedwater System - System #09 of Table 1. See Note (2).
M. Emergency Power System 1. Diesel generator sets 2. Diesel oil storage tanks 3. Diesel oil day tanks 4. Diesel oil transfer pumps 5. Diesel starting systems 6. Diesel generator control boards 7. Safety-related 4.16 kV switchgear 8. Plant emergency batteries and inverters 9. Instrumentation 10. Safety-related 480V switchgear, 125V dc 120V ac panels, trtansformers, motor control centers 11. Containment electrical penetrations 12. Safety system power, control and instrument cables and raceways 13. Diesel Cooling Water System 14. Diesel Lube Oil System 15. Diesel Air Start System 16. Diesel Air Intake and Exhaust 17. Electric Manholes for Class 1 components 18. Cable Splice, connectors 19. Terminal Blocks 20. Underground cables	M. The Emergency Power System is comprised of the Interruptible Power System, Direct Current System and Inverter System - Systems #'s 50, 51 and 52 rspectively, of Table 1. All splices and terminal blocks are part of System #55 of Table 1 - cable assemblies. All cables are part of System #53 - cable and raceway systems.
N. Sampling System 1. Piping and valves a) Part of RCPB b) Normally or automatically isolated from Quality Group A or B components	N. The Sampling System is listed as system #05 in Table 1. See Note (2).

3

TABLE 8 (Cont'd)

O. Combustible Gas Control System 1. Hydrogen recombiners 2. Containment Purge System 3. Continuous Containment/Hydrogen Purge System 4. Hydrogen Sampling System 5. Instrumentation	O. The Combustible Gas Control System is composed of multiple systems. See Note (2).
P. Shield Building Ventilation System 1. Fans 2. Filters 3. Ducting and dampers 4. Instrumentation	P. The Shield Building Ventilation System is part of the overall plant HVAC System - System #25 of Table Table 1. See Note (2).
Q. Ventilation Systems 1. Control Room AC and Emergency Cleanup Systems 2. ECCS Area Ventilation System 3. Reactor Auxiliary Building Main Supply System 4. RAB Electrical Equipment and Battery Room Ventilation System 5. Diesel Generator Building Ventilation System 6. Intake Cooling Water Ventilation System 7. Reactor Cavity Cooling System 8. Reactor Support Cooling System 9. CEDM Cooling System 10. FHB Ventilation System (portion connected to SBVS)	Q. The Ventilation Systems are listed as System #25 in Table 1. This system designation includes all HVAC systems.
R. Fuel Pool Cooling and Purification System 1. Cooling Loop a) Pumps b) Heat exchanger c) Piping and valves d) Instrumentation 2. Purification Loop a) Pump b) Ion exchanger c) Piping and valves d) Instrumentation	R. The Fuel Pool Cooling and Purification is part of System #04 in Table 1. See Note (2).

3

TABLE 8 (Cont'd)

S. Iodine Removal System 1. Hydrazine pumps 2. Hydrazine storage tank 3. Piping and valves 4. Instrumentation	S. The Iodine Removal System feeds into the Containment Spray System, listed as System #07 in Table 1. See Note (2).
T. Fuel Handling System 1. Fuel transfer tube and penetration assembly a) Transfer Tube b) Bellows Assembly c) Tube Closure Assembly 2. Fuel Transfer Valve 3. Reactor Vessel Head Lifting Rig 4. Containment Polar Crane 5. Spent Fuel Handling System 6. Refueling Machine 7. CEA Change Mechanism 8. Fuel Transfer System	T. The Fuel Handling System is a non-safety system except for the Fuel Pool System, listed as System #04 of Table 1. Non-safety electrical equipment. This equipment is not listed in the EQ Report and Guidebook.
U. Radiation Monitoring System 1. Safety Area Monitors 2. Safety Effluent Monitors 3. Process Monitors 4. Post-Accident Monitors	U. The Radiation Monitoring System is listed as System #26 in Table 1. See Note (2).
V. Containment Vacuum Relief System 1. Piping 2. Valves 3. Instrumentation	V. The Containment Vacuum Relief System is a subsystem of the plant HVAC System listed as System #25 of Table 1. See Note (2).
W. Reactor Coolant Gas Vent 1. Piping and Valves a) Part of RCPB b) Required for RCS Post-Accident venting c) Required for RCS venting during normal operation only 2. Instrumentation	W. The Reactor Coolant Gas Vent is part of the Reactor Cavity Cooling System which is a subsystem of the plant HVAC System - System #25 of Table 1. See Note (2).
X. Post-Accident Sampling System	X. The Post Accident Sampling System is part of the sampling system - System #05 of Table 1.

3

TABLE 8 (Cont'd)

Y. Post-Accident Monitoring Instumentation NUREG-0737 1. Containment Pressure Monitors (wide range) 2. Containment Water Level Monitors (wide range) 3. In Containment High Range Radiation Monitor 4. Plant Vent Accident Range Radiation Monitor 5. ECCS Area Ventilation System Exhaust Monitor 6. Atmospheric Steam Dump Exhaust Monitor	Y. TMI Post Accident Monitoring Instrumentation is found in the process system which the equipment is part of.

3

(1) This table was developed as an aid to clarify the differences in system name and description between the St. Lucie Unit No. 2 FSAR and the EQ Report and Guidebook.

(2) Electrical safety-related components of this system can be found in the system sorted Master List in Volume 2 of this submittal.

TABLE 9

MILD ENVIRONMENT EXCLUSIVE SYSTEMS

00	Integ. Leak Rate Test System	
04	Fuel Pool System	
10	Extraction Steam System	
10	Hot Reheat Steam System	3
10	Cold Reheat Steam System	
11	Heater Drain and Vents System	
11	Heater Drain and Vents System	
11	Vents System	
13	Turbine Cooling Water System	
16	Auxiliary Steam System	
17	Lube Oil and Diesel Oil System	
17	Lube Oil System	
17	Diesel Oil System	
18	Station Air System	
20	Chemical Feed System	
21	Circulating Water System	
22	Turbine Generator System	
22	Hydrogen Gas System	
22	Carbon Dioxide System	
22	Seal Oil System	
24	Miscellaneous Drains System	
25	Diesel Gen Bdg and Intake St Ex System	
25	Control Rm AC System	
25	Toilets and Kitchen Ex. System	
32	Sluiced Water System	
33	Spent Drain System	
29	Nitrogen System	
38	Demineralized Water System	
40	Hypochlorination System	
84	Control Boards and Panels System	
85	Safety Assessment System	
86	Sequence of Events System	

EXAMPLE INPUTS

- PROCESS & INSTRUMENTATION DIAGRAM
- CABLE & RACEWAY SCHEDULE
- INSTRUMENT LIST
- FLOW DIAGRAMS
- CONTROL WIRING DIAGRAMS
- RADIATION EQUIPMENT DOSE MAPS*
- TEMPERATURE ZONE MAPS*
- HIGH ENERGY LINE BREAK ZONES*
- SAR ENVIRONMENTAL CATEGORIES
- SAR TABLES OF FUNCTION
- EMERGENCY OPERATING PROCEDURES
- VALVE AND SPECIALTY LISTS

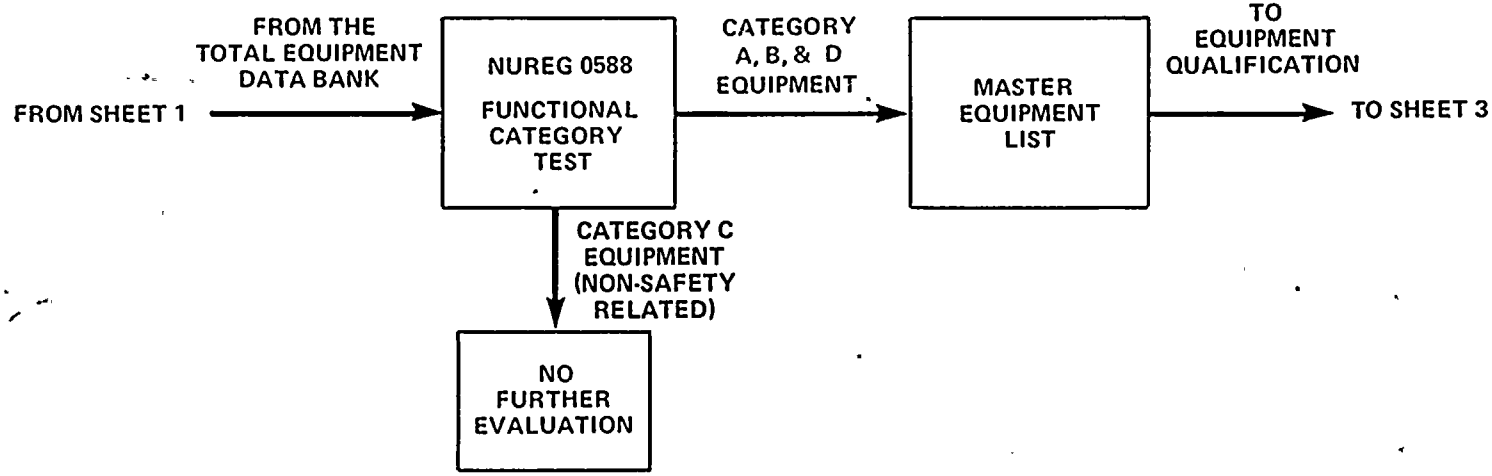
*CREATED FOR THE ENVIRONMENTAL QUALIFICATION EFFORT

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ST. LUCIE PLANT UNIT 2

EQUIPMENT QUALIFICATION PROCESS AND QUALIFICATION DEMONSTRATION DATA BANK DEVELOPMENT – SHEET 1 OF 3

FIGURE 1-2

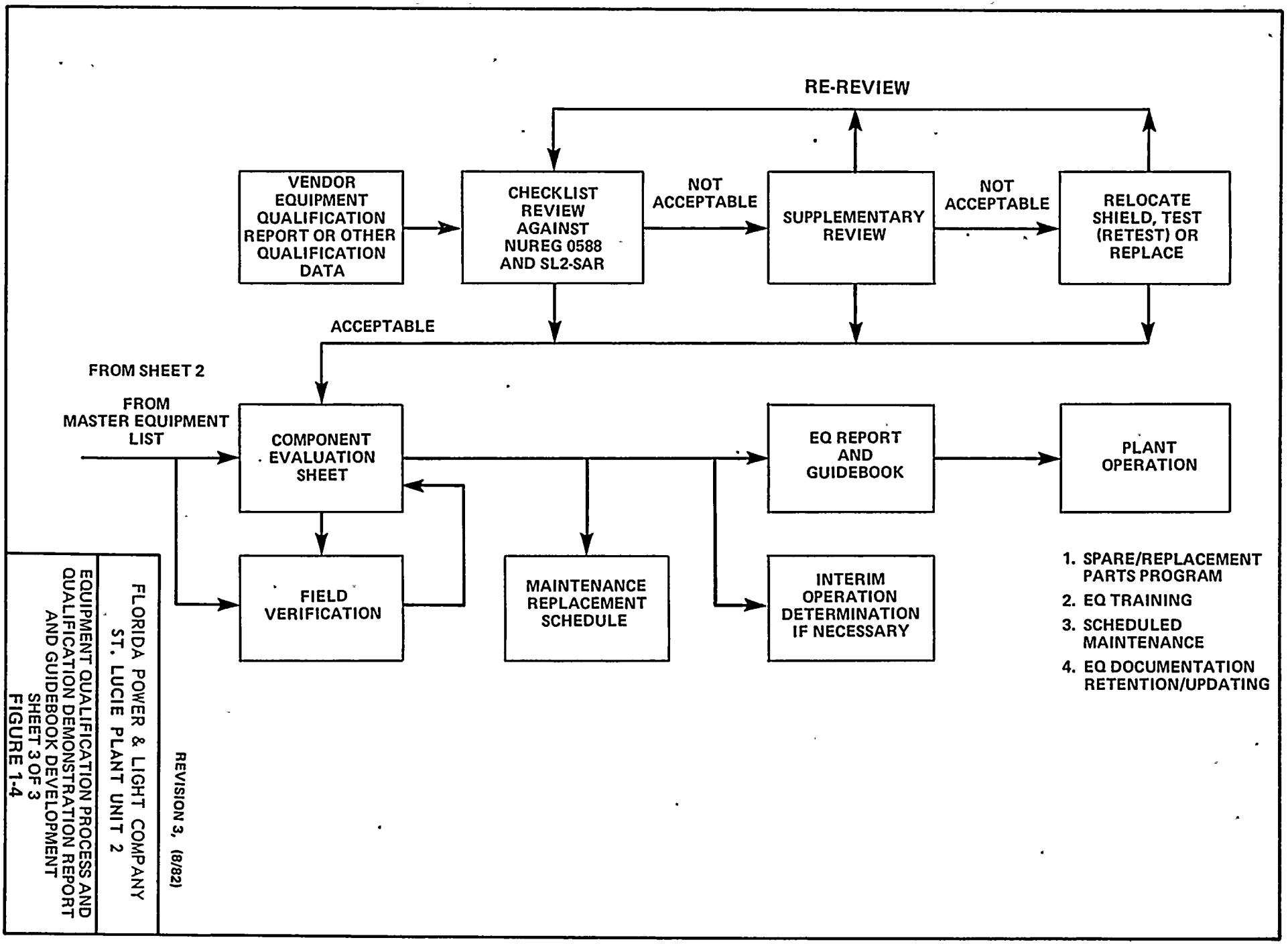
REVISION 3, (8/82)



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EQUIPMENT QUALIFICATION PROCESS AND QUALIFICATION DEMONSTRATION MASTER EQUIPMENT LIST DEVELOPMENT
SHEET 2 OF 3
FIGURE 1-3

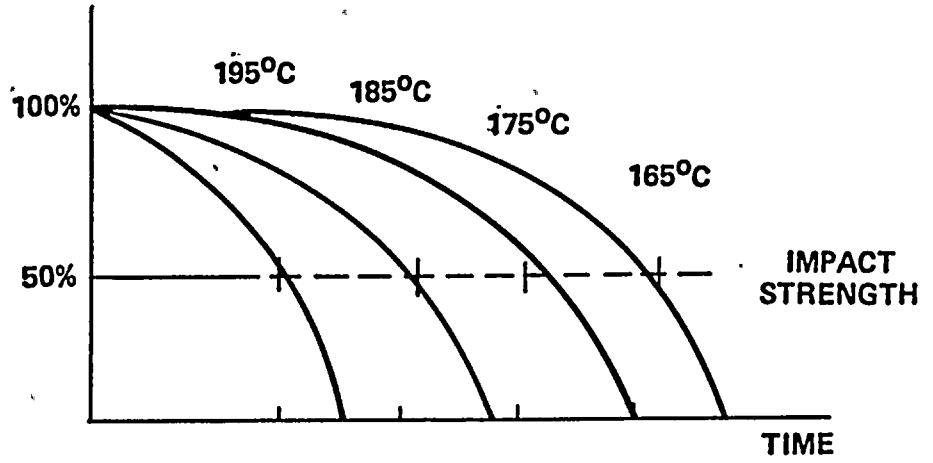
*REVISION 3, (8/82)

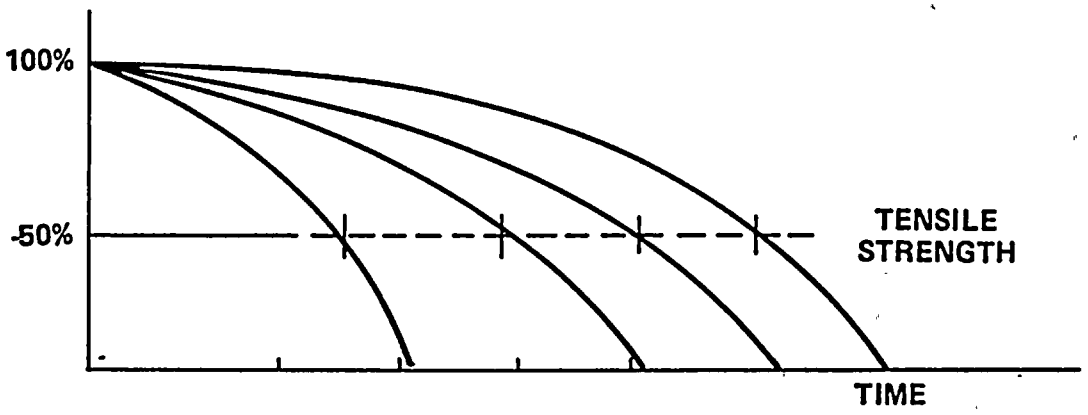


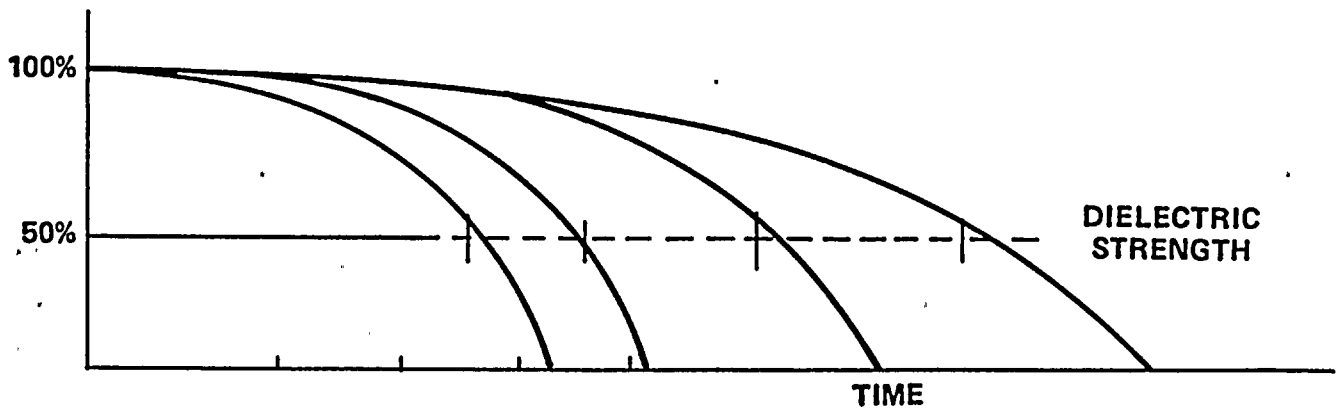
EQUIPMENT QUALIFICATION PROCESS AND QUALIFICATION DEMONSTRATION REPORT AND GUIDEBOOK DEVELOPMENT
SHEET 3 OF 3
FIGURE 1-4

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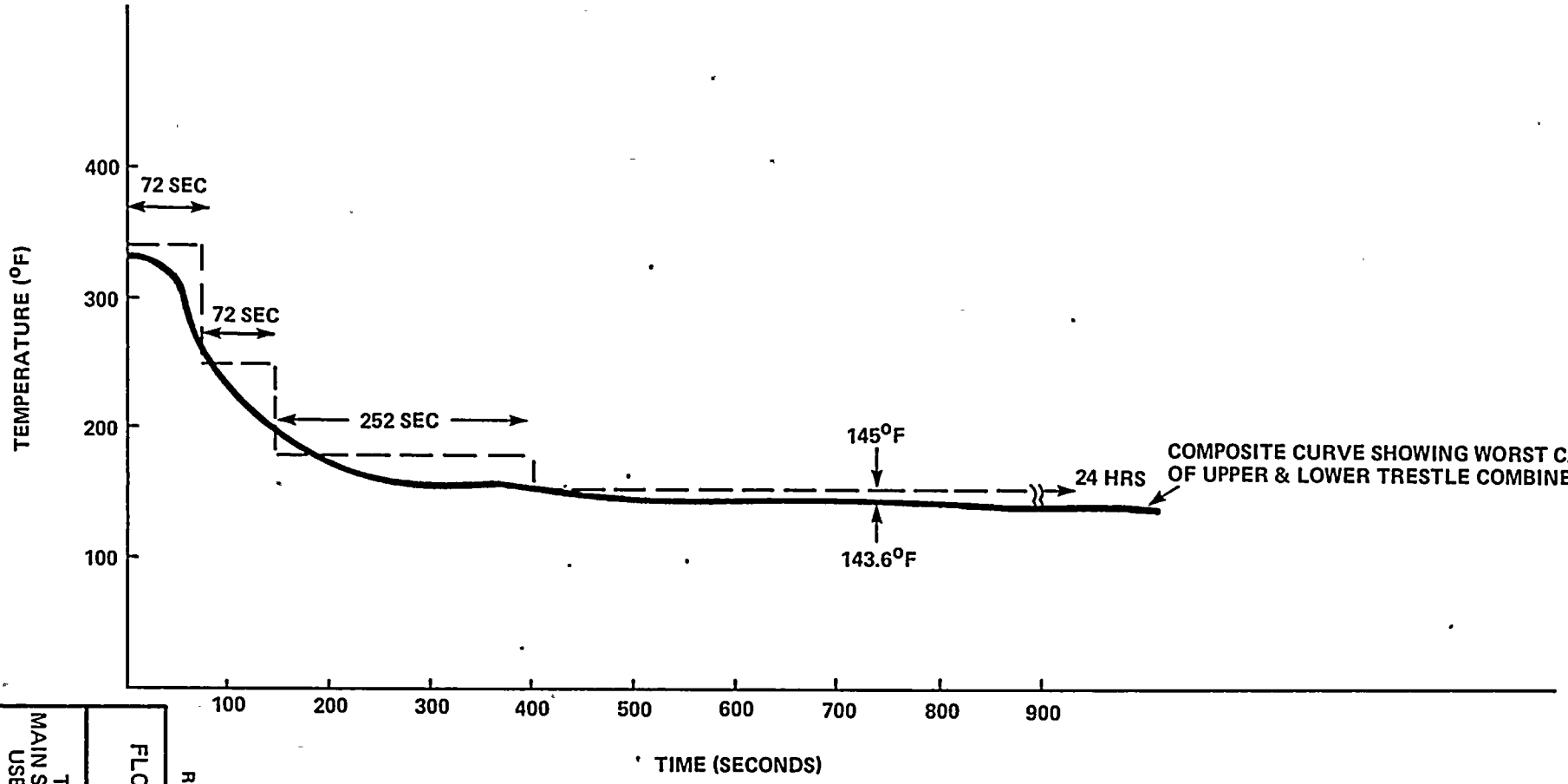
NOTE: THESE CURVES ARE SHOWN AT FOUR ELEVATED TEMPERATURES. IMPACT STRENGTH WAS THE FIRST TO FAIL, I.E. PROPERTY WAS REDUCED TO 50% OF AS RECEIVED VALUE.

REVISION 2, (4/82)

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DEGRADATION CURVES FOR A REPRESENTATIVE POLYMER MATERIAL

FIGURE 22



AMBIENT - 108°F NORMAL

PERIOD	TIME (SEC)	TEMP
1	72	340
2	72	250
3	252	180
4	86,004	145
*5	4.32×10^6	136

* NOTE - 5TH PERIOD REPRESENTS ABNORMAL TEMPERATURE IN AREA FOR 1200 HRS

REVISION 3. (8/82)

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ST. LUCIE PLANT UNIT 2

TEMPERATURE °F ENVELOPE FOR MAIN STEAM LINE BREAK IN STEAM TRESTLE USED FOR THERMAL AGING ANALYSIS

FIGURE 26

APPENDIX A

This appendix provides the supplementary analysis to demonstrate that the LOCA qualification test conditions (of Table 3) for most equipment is more severe to the critical components of the equipment than the maximum temperature MSLB (in containment) condition.

This demonstration is consistent with NUREG-0588 paragraph 1.2(5). Analysis is conducted to demonstrate that the relatively short duration of the calculated maximum MSLB thermal transient does not adversely impact operation due to the equipment's thermal response lag to the MSLB. The thermal lag is such that the component of concern never exceed their LOCA qualification.

The basis for the containment pressure and temperature transient is the Ebasco modified version of CONTEMPT-LT Code as recommended by NUREG-0588 position 1.1(2). The detailed discussion is in FSAR Section 6.2. The transient curve(s) for containment pressure-temperature are shown on FSAR Figures 3.11-1, 2, 2A, and 3.

Ebasco has modeled three safety-related components: an electric pressure transmitter, and electric instrumentation cable, and a fan cooler motor for the Waterford SES Unit 3 FSAR (Docket No. 50-382). These models analyze the thermal response of each component. These components are modeled as one dimensional heat sinks. The initial bulk temperature is assumed to be 120F. The instrumentation cable was the worst case from the point of view of heat absorption since it has the thinnest insulation with no jacket on individual conductors.

The thermal response of these components is demonstrated to sufficiently lag the MSLB response such that the peak transient conditions used to qualify the equipment adequately envelopes the actual equipment thermal response. (Figures A-1, 2, and 3).

The thermal response of these components are representative of the actual values for St. Lucie Unit 2 since the pressure/temperature containment response following a MSLB for St. Lucie No 2 is very similar to Waterford Unit 3. Other safety-related components such as valve operators were specifically evaluated for St. Lucie 2. The methodology for thermal lag analysis is included in the Central File as an auditable record. Actual thermal lag analysis specific to St Lucie No. 2 equipment is contained within the central files. 3

In addition, Thermal Aging is used to demonstrate, where necessary, that the short duration MSLB transient temperature is insignificant to the thermal life of long term (e.g., 40 year) normal temperature operation safety-related equipment in containment. Refer to Appendix H.

Furthermore, the results of the typical analysis confirms the NRC conclusion described as Generic Task A-21 "Main Steam Line Break Inside Containment" reported in NUREG 0510, "Identification of Unresolved Safety Issues Relating to Nuclear Power Plants", dated January 1979 which states the following:

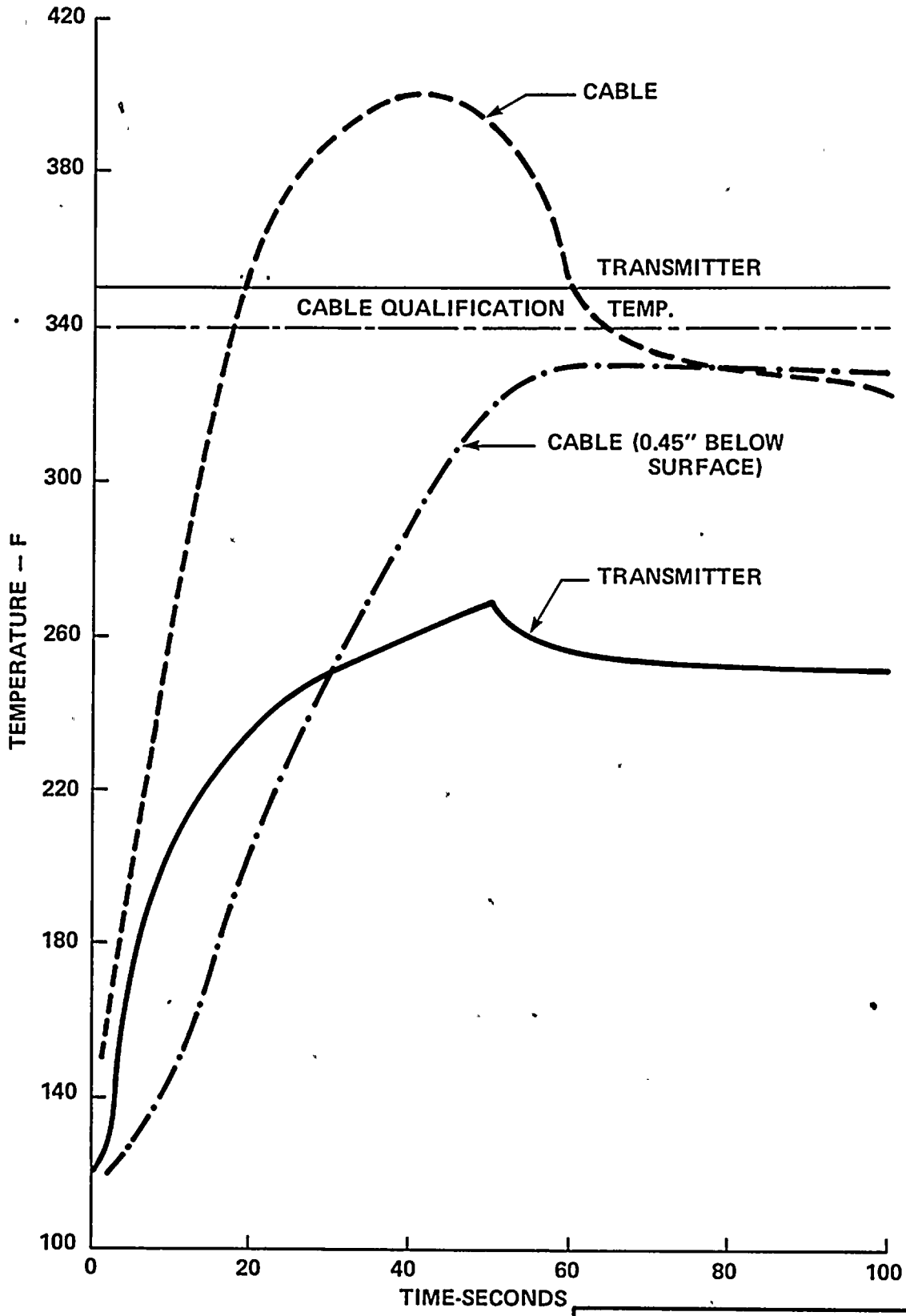
> "Although preliminary calculations indicated that the temperature within containment following a steam line break could be significantly higher than the following a loss-of-coolant accident, the duration of the high temperature was calculated to be short. Because of the relatively low heat transfer rate in superheated steam and the heat

capacity of the affected safety-related equipment, the equipment itself would not be expected to exceed the temperature for which it was qualified as a result of this short duration peak in the temperature of the containment atmosphere."

In the recent NRC July 7-10, 1981 Public Meetings (NRC Requirements Regarding the Environmental Qualification of Safety-Related Electrical Equipment, Federal Register Notice Vol. 46, No. 112, page 30925) the Program Manager (Dr. L.L. Bonzon Sandia Laboratories) of the Qualification Testing Evaluation (QTE) Program for the Division of Engineering Technology, US Nuclear Regulatory Commission presented actual test data which clearly demonstrated the significant "thermal lag" for safety-related components. Figure A-4 is a reproduction of the test (Catawba Penetration Test) data presented which demonstrates that thermal equilibrium is not achieved for many minutes in real time conditions versus the time in seconds when the St. Lucie 2 MSLB (FSAR Figure 3.11-2) exceeds the St. Lucie 2 LOCA (FSAR Figure 3.11-1).

This test result validates the use on a "case-by-case basis" of the critical component temperature in lieu of equipment surface temperature by test or analysis as clarified by NUREG-0588 Revision 1 comments and resolution to NUREG-0588 paragraph 1.2(5).

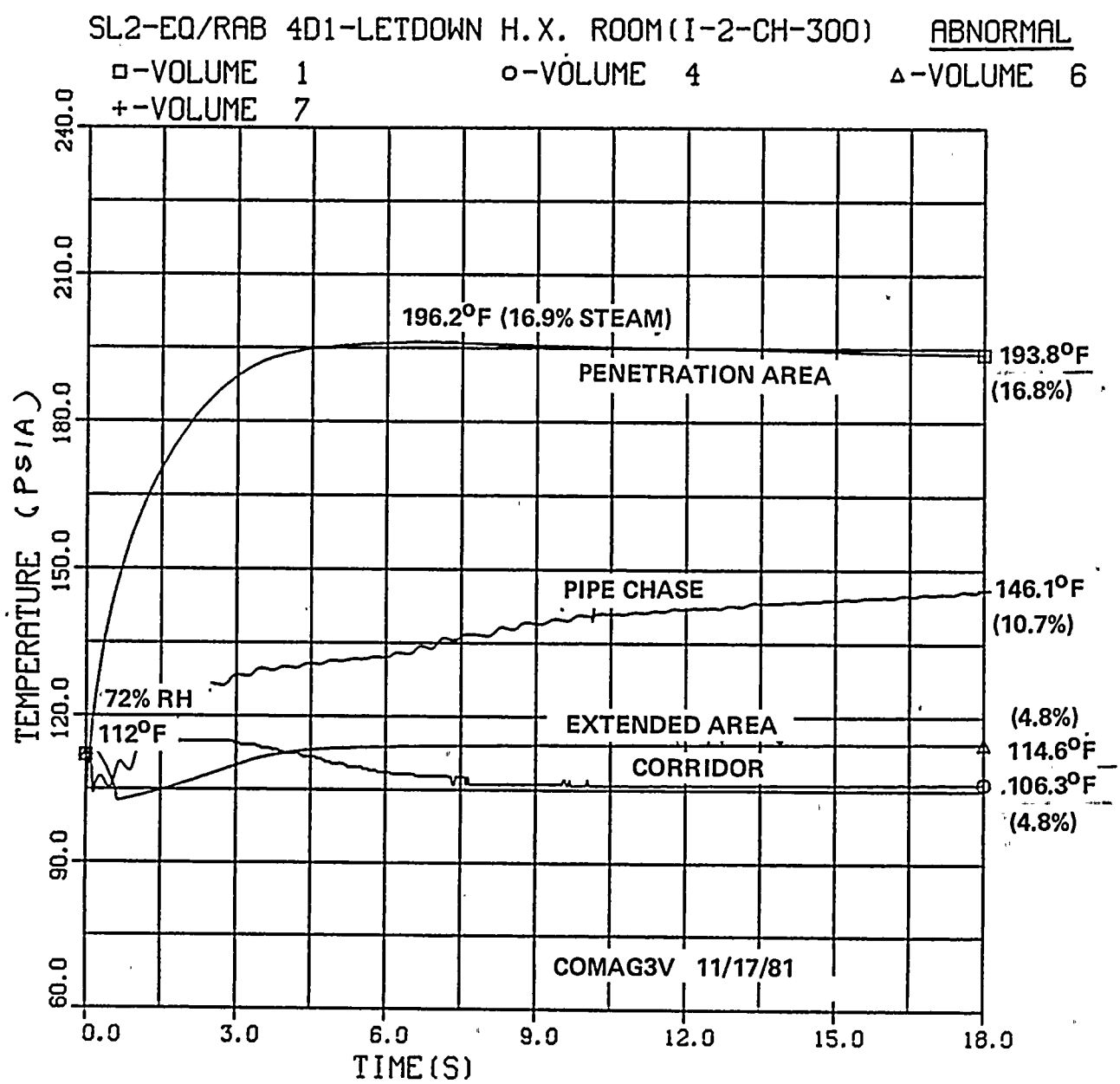
In addition the analyses used remain very conservative as no credit is taken for the substantial thermal resistance of the enclosure internal ambient. Actual "real world" tests, (Figure A-4) demonstrate the additional lag on the conductors surface (i.e., the surface of concern for qualification).



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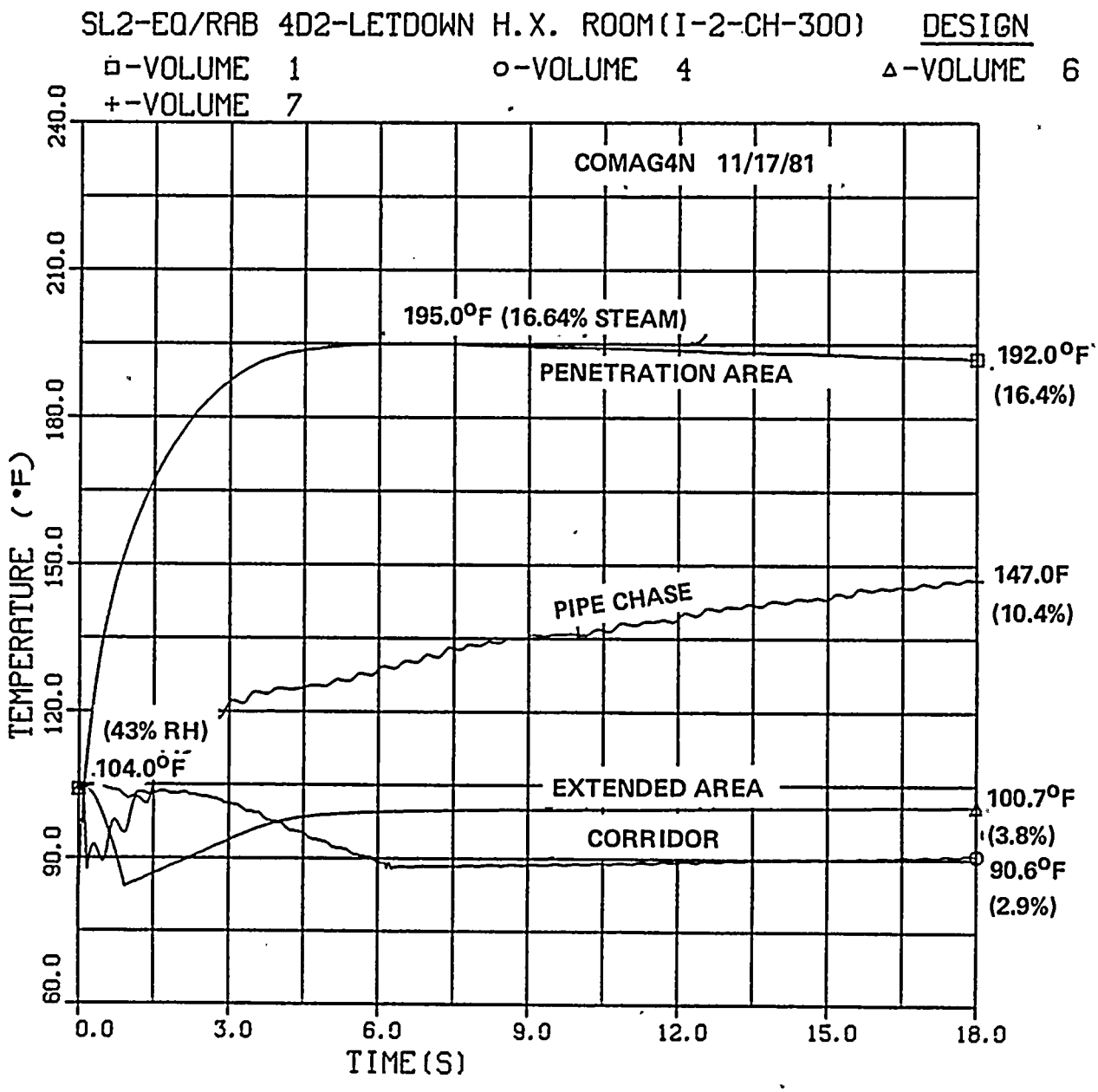
EQUIPMENT TEMP VS TIME FOLLOWING 102% MSLB WITH ONE COOLING TRAIN FAILURE

FIGURE A-3



FLORIDA POWER & LIGHT COMPANY
ST. LUCIE PLANT UNIT 2

LETDOWN HEATER EXCHANGER
ROOM LINE BREAK
ABNORMAL TEMPERATURE
FIGURE C-3a



FLORIDA POWER & LIGHT COMPANY ST. LUCIE PLANT UNIT 2
LETDOWN HEATER EXCHANGER ROOM LINE BREAK DESIGN TEMPERATURE FIGURE C-3c

APPENDIX E

Florida Power and Light is committed to compliance with 10CFR21, "Reporting of Defects and Noncompliance" and to the design and procurement of fully qualified equipment.

However, the industry and Florida Power and Light has been faced with the inability to have a sufficient supply of vendors for Class IE qualified, but otherwise commercially available components such as resistors, fuses, terminals, terminal blocks, etc.

Where such components are installed in a safety-related circuit, the acceptability of such an item has been analyzed using the application of military and commercial standards against the safety-related component function and service environment wherever necessary and practical to assure the full qualification of electrical safety-related components.

Location of these standard components throughout the plant (e.g. local control stations for testing and maintenance of equipment) will result in a select few being in a harsh environment such as the increase in radiation due to recirculation of sump fluid in post-DBA scenario for the ECCS area. Consequently, these components are subject to a harsh environment submittal.

The NRC recognizes the industry experience in the manufacture and use of electrical equipment, for most equipment of concern, is in decades.

For most equipment, especially that not subject to long duration accident events, the standard catalog item can be demonstrated adequate for the application.

In recognition of this the NRC revised 10CFR21, in 1978, to specifically include "Commercial Grade Items" as defined in 10CFR21.3(a-1). The item is a commercial grade item if the following conditions are met:

a) not subject to design or specification requirements unique to Nuclear Facilities

b) utilized in other than Nuclear Facilities

c) to be ordered from a manufacturer/supplier on the basis of specifications set forth in the manufacturer's published product description (for example: a catalog).

In addition, the NRC has endorsed the use of the stress analysis methodology of IEEE 650-1979 (in the NRC supplement 2 to IEB 79-01B) for mild environment equipment.

This Appendix describes typical methodology to demonstrate the use of commercial grade items for qualification.

1) Demonstration of Insignificance of Electronic Component Aging

This approach is based on utilization of stress analysis determination which is included in IEEE 650-1979 (see Figure 15 of the main text). Special "unique" nuclear plant consideration if applicable, to equipment location are factored into the analysis.

2) Operational Cycling and Voltage Effects

For components with cycle-related aging mechanisms, the number of operational cycles will be determined based on the following:

a) Plant Testing and Maintenance Cycles

b) Plant Operational Cycles

If data does not exist to justify exemption of cycle aging, these components are cycled with appropriate electrical and mechanical loads applied and exposed to service environmental conditions.

Using the example of local control stations we have:

Very conservatively take 6000 operations for the 600 volts rated local control stations (equal to the endurance test according to NEMA Standard ICS-1978 including Rev No. 1- April 1979).

The actual stresses for St Lucie 2 would be significantly less than 1000 operations (only used for test or remote shutdown) and a 120 volt nominal voltage with currents under 2 amperes compared to 10 amp continuous test current or 60A make and 6A break per Tab 2-125 of ICS-2.

$$\left(\frac{\text{Rating}}{\text{Requirement}} - 1\right) \times 100\% = \text{Margin}$$

a) Operations $\left(\frac{6000}{1000} - 1\right) \times 100\% - 500\%$

b) Voltage Stress $= \left(\frac{600V}{120} - 1\right) \times 100\% = 400\%$

3) Thermal Effects

In use of commercial or military standards we must consider the thermal effects. For example we must clearly demonstrate that the self-heating effects of current carriers in the application are enveloped by the industry standards.

NEMA ICS1-109.04 indicates a 50C temperature rise through terminals.

Again using the local control stations as an example we have:

The control switches being heavy duty in accordance with NEMA ICS-2-216 are rated 10 amperes 600 volts continuous. Actual continuous current would be less than 2 amperes in a typical control circuit resulting in a temperature rise as follows:

$$\frac{\text{Rated Temperature Rise}}{\text{Operating Temperature Rise}} = \frac{\text{Rated } I^2R \text{(induced heat)}}{\text{Operating } I^2R \text{ (induced heat)}}$$

$$\frac{50^{\circ}C}{\text{Operating Temperature Rise}} \qquad \frac{(10 \text{ amperes})^2}{(2 \text{ amperes})^2}$$

Operating Temperature Rise $2^{\circ}C$

$$\text{Margin} = \frac{\text{Rating}}{\text{Requirment}} - 1) \times 100\%$$
$$= \frac{50C}{2C} - 1) \times 100\%$$
$$= 2400\%$$

Consequently thermal aging is not significant and need not be considered as a degrading environmental parameter.

In addition, application is made of the Arrhenius methodology described in Appendix H.

4) Radiation Environment

The methodology described in the body of the report, and Appendices are used for the relevance test for radiation aging.

APPENDIX H

This appendix is multipart providing a description of the various uses of the Arrhenius Model.

PART 1 - THEORY

1.1 THEORY ARRHENIUS MODEL

The Arrhenius model is presented below:

1) The Arrhenius model is usually applied to thermal aging. The basic equation is as follows:

Equation (1) $L = BeEXP\ A/KT$

where: L = Time to reach a specified end point

B = Constant (usually determined experimentally)

A = Activation energy (eV)

K = Boltzman constant ($.8617 \times 10^{-4}$ eV/K)

T = Absolute temperature (K)

2) Activation energies for most materials and components range approximately between .5 and 1.5eV. Small values of activation energy are associated with:

a) rapid reaction rate

b) rapid aging

c) long accelerated aging time

In case of uncertainty, the conservative approach it to assume a small value of activation energy (i.e. L is small when A is small).

1.2 ALTERNATE FORM OF BASIC ARRHENIUS EQUATION

An alternate form of equation (1) is

Equation (2) $\frac{dq}{dt} = Be\ EXP\ (-)\ A/KT$

where $\frac{dq}{dt}$ = reaction rate

By integration and rearranging, equation (2) can be rewritten as:

Equation (3) $t_1 = t_2 \text{ e EXP } \frac{A}{K}\left(\frac{1}{T_1} - \frac{1}{T_2}\right)$

1.3 EXAMPLE

This formula may be utilized for the accelerated aging time determination for cable insulation as shown by the following example:

Material - Tefzel cable

t_1 = Time at aging temperature T_1

t_2 = Time at service temperature (40 yrs., 350400 hrs.)

A = (Activation energy) .87eV

K = (Boltzman's constant (eV/K = 8.617×10^{-5})

T_1 = Aging temperature (K = 408 for 135C)

T_2 = Service temperature (K = 308 for 35C)

$$t_1 = t_2 \text{e EXP } \frac{.87\text{eV}}{.00008617\text{eV/K}}\left[\frac{1}{408\text{K}} - \frac{1}{308\text{K}}\right]$$

t_1 = 113.6 hrs

The cable will therefore be thermally aged at 135C for 113.6 hours to simulate the age that would occur in the Tefzel insulation material. Such aging would represent a 40 year aging quantity.

The systems engineering approach begins with: (1) the clear identification of the accident or Design Basis Event (e.g., Loss of Coolant Accident); (2) the one or more major safety functions to mitigate the event (e.g., emergency core cooling); (3) the one or more systems necessary to perform the primary mitigation function (e.g., safety injection); (4) the provision of those devices and subsystems necessary to sense the accident conditions and initiate actuation of the mitigating safety system (e.g., the pressurizer pressure sensors used to sense LOCA induced loss of pressure); (5) the definition of the level of redundancy for "sense-command-execute" functions; and, (6) the determination of the auxiliary supporting features to support the primary mitigation function (e.g., component cooling water and electrical power etc.). This systematic engineering review approach is illustrated by Figure 3-1.

This formalized documentation, however, is not normally provided unless other functions such as operation training, plant start-up, human factors engineering, maintenance and other activities are considered to demonstrate cost effectiveness of these drawings.

A review of the partial block diagram from the sensors to the actuated accident mitigation devices (i.e., high pressure safety injection pump drives 2A and 2B) follows:

a) Plant requirements for reliability for Engineered Safety Features Actuation as well as concerns for plant availability (reduction in spurious trips) leads to the use of three or four sensors for pressurizer pressure. Typical of many modern PWRs, the plant shown has four channels for "sense and command" logic (allowing one channel to be bypassed and one to be lost without violation of the single failure criteria). The four sensors are labeled as PT1102A, B, C and D.

b) The four channels for pressurizer pressure are independent and have their signal processed or conditioned in the instrument cabinets (refer to block diagram instrument cabinets MA, MB, MC and MD and typical wiring diagram shown on Figure 3).

c) From the independent signal conditioning in the instrument cabinets, outputs are provided for reactor trip (i.e., control rod insertion initiated through the Reactor Protection System RPS Cabinets MA, MB, MC MD on block diagram) and to the Engineered Safeguards Cabinet (i.e., the Engineered Safety Features Actuation System providing the HPSI pump drive start signals).

d) As indicated in the typical wiring diagram (Figure 3) as well as the block diagram (Figure 3-1) the signal paths traverse the main control board designated as the RTGB 206. This main control board in fact contains the operator interfaces for pressure indication and alarm as well as the test points for circuit integrity checking (refer to Figure 3).

3

e) The block diagram (Figure 3-1) does not contain the signals going to the annunciators or sequence of events as both of these indications are non-Class 1E connected to the Class 1E circuitry through isolation devices (refer to Figure 3). Therefore the worst case assumption of complete failure of these non-Class 1E indication devices are "isolated" or cannot degrade the safety function. Therefore these devices are NUREG-0588 Category C not subject to IEEE-323 qualification.

f) The Reactor Protection System, Engineered Safety Features Actuation System, and the sensors are powered from independent "instrument buses" as shown on the block diagram as well as Figure 3-1.

g) The instrument buses are themselves powered from inverters (again four independent channels) providing uninterruptible ac power by virtue of the dc batteries, and maintenance bypass sources indicated. Working further up the power supply chain we can clearly see the battery chargers, dc buses, the 480V MCC ac power input to the battery chargers, the 480 volt switchgear feeds to the MCCS, the 4160 volt switchgear, and ultimately the Class 1E diesel generators. 3

h) The interties between the dc buses and the medium voltage (4160 volt buses, diesel generators, etc.) reflect the dc power necessary for control purposes and generator fields. Again this systems engineering review assures all devices necessary for safety function completion are included.

i) Finally, the cabling between the Engineered Safeguard Cabinets' (channels SA, SB) reflect the start and control signals to initiate operation of the HPSI pump drives and the Component Cooling Water (CCW) pump drives.

The above "walkthrough" of the signal, command, and actuated equipment although laborious is only a brief look at the effort used to systematically assure that the appropriate devices (no more or no less than needed) are included in an effective EQ Program.

ST. LUCIE UNIT NO. 2
DOCKET NO. 50-389

ENVIRONMENTAL QUALIFICATION REPORT AND GUIDEBOOK

FLORIDA POWER AND LIGHT COMPANY
VOLUME 2
MASTER LIST

REVISION 03
AUGUST 30, 1982

ENVIRONMENTAL QUALIFICATION

REPORT & GUIDEBOOK

MASTER LIST

FORWARD

THE MASTER LIST FOR ST. LUCIE UNIT #2 ARE ENCLOSED IN THIS VOLUME, THE SECOND OF FOUR.

THE MASTER LIST INCLUDES ALL SAFETY RELATED ELECTRICAL EQUIPMENT FROM ALL AREAS OF THE PLANT. THERE ARE TWO DIFFERENT SORTS OF THE MASTER LIST CONTAINED IN THIS VOLUME. THE FIRST MASTER LIST SORTS ALL THE EQUIPMENT ALPHANUMERICALLY BY TAG. THE SECOND MASTER LIST IS SORTED BY PROCESS SYSTEM AS INDICATED ON THE LOWER HAND CORNER OF THE SHEET.

THE APPLICANT WILL UPDATE THESE MASTER LISTS ON A PERIODIC BASIS TO REFLECT PLANT CHANGES DUE TO THE ONGOING HUMAN FACTORS/CONTROL ROOM DESIGN REVIEWS, POST-ACCIDENT MONITORING INSTRUMENTATION COMMITMENT TO RG 1.97 REV 2 AND RECEIPT OF ADDITIONAL VENDOR DATA.

SPECIFIC DATA ON MILD ENVIRONMENT EQUIPMENT ITEMS WILL BE SUPPLIED BY COMMERCIAL OPERATION DATE.

REVISION 3
AUGUST 30, 1982

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REVISION 3
AUGUST 30, 1982

EXPLANTION AND LEGEND FOR MASTER LIST

THE TERMS FOUND BELOW GIVE AN EXPLANATION FOR THE ITEMS APPEARING ON COMPONENT EVALUATION SHEETS

SYSTEM # & NAME	-DESCRIPTION OF THE SYSTEM THAT THE EQUIPMENT FUNCTIONS IN.
TAG NO.	-SPECIFIC DEVICE DESIGNATION OR ABBREVIATED NAMEPLATE OR PLANT ID NUMBER.
COMPONENT NAME	-A FURTHER BREAKDOWN OF THE EQUIPMENT TYPES - FOR EXAMPLE, SWITCHES ARE BROKEN DOWN INTO PRESSURE SWITCHES
FUNCTION & SERVICE	-THIS IS A DESCRIPTION OF THE SERVICE WHICH COMPONENT PERFORMS. FOR EXAMPLE PT-1102A IS NOT DESCRIBED AS A PRESSURE TRANSMITTER HERE, RATHER, THE FUNCTION WHICH IS TO MEASURE PRESSURIZER PRESSURE IS DESCRIBED.
MANUFACTURER	-SPECIFIC VENDOR WHO MANUFACTURED COMPONENT, NOT NECESSARILY THE SUPPLIER OF THE COMPONENT TO FLORIDA POWER & LIGHT OR EBASCO (ACTING AS AGENT FOR FPL). FOR EXAMPLE, MOTOR OPERATORS FOR VALVES MAY BE SUPPLIED TO FOR A VALVE, VENDOR (WKM, PACIFIC) BY LIMITORQUE.
MODEL/SER #	-SPECIFIC VENDOR DESIGNATION FOR A FAMILY OR GROUP OF LIKE COMPONENTS. (SERIAL NUMBERS ARE GENERALLY NOT AVAILABLE DURING INITIAL EQ REVIEW). SERIAL NUMBERS ARE ADDED FOR UTILITY CONVENIENCE DURING THE FIELD VERIFICATION STAGE.
PLANT LOCATION	-THE ACTUAL BUILDING LOCATION IN WHICH THE COMPONENT IS LOCATED.
LOCATION X, Y, Z	-THE LOCATION COORDINATES FOR THE PLANT LOCATION AND MORE IMPORTANTLY WITHIN THE ENVELOPE OF THE ENVIRONMENTAL ZONES. REFER TO REPORT FIGURES 2-1 AND 2-2 AND TABLE 3.
ENVIRONMENTAL CATEGORY H/M	-THE CATEGORY IS THE DESIGNATION CORRESPONDING TO FSAR TABLE 3.11-1 IN WHICH HARSH AND MILD ENVIRONMENTAL ZONES ARE DEFINED. DATA ENTERED IN THE H/M COLUMN INDICATES WHETHER THE ZONE INDICATED FOR THE COMPONENT IS A HARSH OR A MILD ONE.

FUNCTIONAL CATEGORY	-THIS ENTRY CORRESPONDS TO THE CATEGORIES A, B, C AND D FROM APP. E OF NUREG-0588.
SAFETY FUNCTION	-MAJOR PLANT SAFETY FUNCTIONS SUCH AS ENGINEERED SAFETY FEATURES (ESF) OR POST ACCIDENT MONITORING (PAM) ARE ENTERED HERE.
DATA SOURCE	-THIS ENTRY IS EITHER A FSAR REFERENCE (E.G. FSAR TABLE 7.3-1 WHICH LISTS ESFAS SENSOR PARAMETERS AND SET-points) OR THE INITIALS OF AN EQ CORE GROUP MEMBER WHO DETERMINED (ON A CONSERVATIVE BASIS AS DESCRIBED IN THE REPORT) THAT A CES IS REQUIRED.
CES #	-THE ACTUAL REFERENCE NUMBER OF THE APPLICABLE COMPONENT EVALUATION SHEET FOR THE COMPONENT.

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VOLUME 2

MASTER LIST

TABLE 1

EQUIPMENT SELECTION FOR MASTER LIST

THE METHOD TO SELECT EQUIPMENT FOR THE MASTER LIST WAS DESCRIBED IN THE ENVIRONMENTAL QUALIFICATION REPORT AND GUIDEBOOK, SECTION 3 AND FIGURES 1-1, 1-2, 1-3, AND 1-4

EVERY SINGLE ELECTRICAL COMPONENT ASSOCIATED WITH ELECTRICAL SAFETY SYSTEMS IS NOT INCLUDED FOR SUCH ITEMS AS FOLLOWS:

a) INDIVIDUAL CABLE TAG NUMBERS - IN EXCESS OF 2,000 TAG NUMBERS WOULD BE REQUIRED.

b) INDIVIDUAL CIRCUIT BREAKER, FUSES, RELAYS, RESISTORS, DIODES, TERMINAL BLOCKS, CONTROL TRANSFORMERS, TERMINALS, TERMINATION KITS AND OTHER MISCELLANEOUS ELECTRICAL COMPONENTS IN THE TENS OF THOUSANDS.

c) INDIVIDUAL CONTROL CABINETS BY TAG NUMBER (THE OPERATOR INTERFACE CONTROLS - INDICATORS AND SWITCHES ARE INCLUDED).

THE BASIS FOR SUCH EXCLUSION IS AN ATTEMPT TO REDUCE THE MAGNITUDE OF REVIEW RESOURCES EXPENDED BY THE NRC (AND THEIR CONTRACTORS) TO HANDLE ADDITIONAL MASTER LIST ITEMS IN THE TENS OF THOUSANDS. ALL SUCH ITEMS ARE ENVELOPED BY THE PRESENT MASTER LIST INCLUDED IN THIS VOLUME.

SYSTEM # & NAME: -

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
AM-205	AMMETER	CCW PUMP 2B	GENERAL ELECTRIC COMPA	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	AUXSUP	7.5-1	0063	01
AM-209	AMMETER	CCW PUMP 2C AMPERES	GENERAL ELECTRIC COMPA	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	AUXSUP	7.5-1	0064	01
AM-237	AMMETER	CONTAINMENT SPRAY PUMP 2A AMPERES	GENERAL ELECTRIC COMPA	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	ESF	7.5-1	0065	01
AM-238	AMMETER	HPSI PUMP 2B AMPERES	GENERAL ELECTRIC COMPA	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	ESF	7.5-1	0066	01
AM-251	AMMETER	LPSI PUMP 2A AMPERES	GENERAL ELECTRIC	AB40	AB26	581.0 1403.0 62.0	E	M	D	ESF SD	7.5-1	0067	01
AM-252	AMMETER	LPSI PUMP 2B AMPERES	GENERAL ELECTRIC	AB40	AB26	581.0 1403.0 62.0	E	M	D	ESF SD	7.5-1	0068	01
AM-287	AMMETER	CCW PUMP 2B AMPERES	GENERAL ELECTRIC	AB40	AB26	581.0 1403.0 62.0	E	M	D	ESF	7.5-1	0069	01
AM-290	AMMETER	CONT. SPRAY PUMP 2B	GENERAL ELECTRIC	AB40	AB26	581.0 1403.0 62.0	E	M	D	ESF	7.5-1	0070	01
AM-629	AMMETER	AUX FW PUMP 2A AMPERES	GENERAL ELECTRIC	AB40	AB26	563.0 1427.0 62.0	E	M	D	SD	7.5-1	0071	01
AM-630	AMMETER	AUX FW PUMP 2B AMPERES	GENERAL ELECTRIC	AB40	AB26	563.0 1427.0 62.0	E	M	D	SD	7.5-1	0072	01
AM-832	AMMETER	INTAKE COOL WATER PUMP 2A AMPERES	GENERAL ELECTRIC	AB40	AB26	563.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	0073	01
AM-833	AMMETER	INTAKE COOL WATER PUMP 2B AMPERES	GENERAL ELECTRIC	AB40	AB26	563.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	0074	01

TAGS INCLUDED: AM-205 ----AM-833
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: -

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
AM-834	AMMETER	INTAKE COOL WATER PUMP 2C AMPERES	GENERAL ELECTRIC	AB40	AB26	563.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	0075	01
AM-936	AMMETER	4.16 EMERG BUS 2A3 AMPERES	GENERAL ELECTRIC	AB40	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	MRL	0076	01
AM-937	AMMETER	4.16 KV EMERG BUS 2B3 AMPERES (800/5)	GENERAL ELECTRIC	AB40	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	0077	01
AM-942	AMMETER	4.16 KV EMERG BUS 2AB AMPERES	GENERAL ELECTRIC	AB40	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	0078	01
AM-955D	AMMETER	D.G #2A (800/5)	GENERAL ELECTRIC	AB40	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	0079	01
AM-965D	AMMETER	DIESEL-GEN 2B AMPERES (800/5)	GENERAL ELECTRIC	AB40	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	0080	01
AS-936	AMMETER SWITCH	4.16 KV EMERG BUS 2A3 AMMETER	GENERAL ELECTRIC COMPA	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0086	01
AS-937	AMMETER SWITCH	4.16 KV EMERG BUS 2B3 AMMETER	GENERAL ELECTRIC COMPA	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0087	01
AS-942	AMMETER SWITCH	4.16 KV EMERG BUS 2AB AMMETER	GENERAL ELECTRI	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0088	01
AS-955D	AMMETER SWITCH	DIESEL-GEN 2B AMMETER	GENERAL ELECTRIC COMPA	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0089	01
AS-965D	AMMETER SWITCH	DIESEL-GEN 2B AMMETER	GENERAL ELECTRIC COMPA	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0090	01
AUX FWP 2A	PUMP MOTOR	AUXILARY FEED WATER PUMP 2A	GENERAL ELECTRI	5K811043C16 / BR84056	TB23	694.0 1398.0 19.0	K	H	A	ESF		0092	03

TAGS INCLUDED: AM-834 ----AUX FWP 2A

SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 09-AUXILIARY FEEDWATER

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
AUX FWP 2A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-2A	TB23	715.0 1411.0 26.0	K	H	B	RPS ESF	3.112	0093	03
AUX FWP 2B	PUMP MOTOR	AUXILARY FEED WATER PUMP 2B	GENERAL ELECTRI	5K811043C16 /BR84056	TB23	676.0 1398.0 19.0	K	H	A	ESF		0094	03
AUX FWP 2B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-2A	TB23	680.0 1375.0 26.0	K	H	B	RPS ESF	3.112	0095	03
AX-1	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-PS9A.					D	PAM	7.3-L	0097	01
B/M D15 SERIES	MED. VOLT. PWR CABLE	PROVIDE MED. VOLT.PWR CABLE THROUGHOUT PLA	OKONITE	B/M D15 SEE NOT	RB15	636.0 1537.0 21.0	A	H	A	AUXSUP	LPG	1939	03
B/M D26 SERIES	LOW VOLT. PWR/CNTR CB	PROVIDE QUALIFIED LOW VOLT. POWER & CONTRO	KERITE	B/M D26 SERIES SEE NOT	RB15	636.0 1537.0 21.0	A	H	A	RPS ESF AUXSUP	*CMM*	1940	03
B/M D52 SERIES	LOW VOLT. PWR/CNTR CB	PROVIDE QUALIFIED LOW VOLT. POWER & CONTRO	KERITE	B/M D52 SERIES SEE NOT	RB15	636.0 1537.0 21.0	A	H	A	RPS ESF AUXSUP	3.11-21	2007	03
B/M D54 SERIES	LOW VOLT. PWR/CNTR CB	PROVIDE QUALIFIED LOW VOLT. POWER & CONTRO	KERITE	B/M D54 SERIES SEE NOT	RB15	636.0 1537.0 21.0	A	H	A	RPS ESF AUXSUP	3.11-21	2006	03
B/M D60 SERIES	MULTI-PAIR INSTR.	PROVIDE QUALIFIED LOW VOLT. POWER & CONTRO	KERITE	B/M D60 SERIES SEE NOT	RB15	636.0 1537.0 21.0	A	H	A	RPS ESF AUXSUP	3.11-21	2011	03
B/M D61 SERIES	INSTUMENT CABLE	PROVIDE QUALIFIED LOW VOLT. POWER & CONTRO	KERITE	B/M D61-04 3/C #6	RB15	636.0 1537.0 21.0	A	H	A	RPS ESF AUXSUP	3.11-21	2012	03
B/M D62 SERIES	600 VOLT. RATEDINSTR.	PROVIDE QUALIFIED LOW VOLT. POWER & CONTRO	KERITE	B/M D62 SERIES SEE NOT	RB15	636.0 1537.0 21.0	A	H	A	RPS ESF AUXSUP	3.11-21	2009	03
B/M D63 SERIES	LOW VOLT. PWR/CNTR CB	PROVIDE QUALIFIED LOW VOLT. POWER & CONTRO	KERITE	B/M D63 SERIES SEE NOT	RB15	636.0 1537.0 21.0	A	H	A	RPS ESF AUXSUP	3.11-21	2008	03

TAGS INCLUDED: AUX FWP 2A PB ----B/M D63 SERIES
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 53-CABLE & RACEWAY

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
B/M D71 SERIES	THERMOCOUPLE EXT. WI	PROVIDE QUALIFIED LOW VOLT. POWER & CONTRO	KERITE	B/M D71 SERIES SEE NOT	RB15	636.0 1537.0 21.0	A	H	A	RPS ESF AUXSUP	3.11-2	2010	03
B/M D80 SERIES	INSTRUMENT CBL.	PROVIDE INSTRUMENT CABLE THROUGHOUT PLANT	ROCKBESTOS CO.	FIREWALL II II COAXIAL	RB15	636.0: 1537.0: 21.0	A	H	A	RPS ESF AUXSUP	3.11-2	2002	03
B/M D9 SERIES	JUMPER/HOOKUP WIRE	HOOKUP-JUMPER CONNECTION FOR CONTROL/INSTR	TELEDYNE THER- MATICS	TEFZEL 280	RB15	636.0 3 1537.0 21.0	A	H	A	AUXSUP		1375	03
BA M-U P 2A		LATER	BROWN-BOVERI ELECTRI	B/M C8-8	AB24	521.0 1545.0 -1.0	E	M	D		7.3-2	0103	03
BA M-U P 2A SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB24	532.0 1551.0 4.0	E	M	D	SD	3.112	0105	01
BA M-U P 2B		LATER	BROWN-BOVERI ELECTRI	B/M C8-8	AB24	521.0 1540.0 -1.0	E	M	D		7.3-2	0106	03
BA M-U P 2B SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB24	532.0 1551.0 4.0	E	M	D	SD	3.112	0108	01
BAT 2A	BATTERY	CLASS IE DC PWR	C AND D BATTERIES	LC-255	AB27	609.0 1469.0 43.0	E	M	D		3.112	0109	01
BAT 2B	BATTERY	CLASS IE DC PWR	C AND D BATTERIES	LC-25	AB27	616.0 1471.0 43.0	E	M	D		3.112	0110	01
B2E40	TERMINAL BOX	SEE QUALIFIED TERMINAL BLOCKS		BY FIELD	AB25	584.0 1468.0 22.0	E	M	D		3.112	0113	01
B2E41	TERMINAL BOX	SEE QUALIFIED TERMINAL BLOCKS		BY FIELD	AB25	584.0 1449.0 22.0	E	M	D		3.112	0114	01
B2E52	TERMINAL/RELAY BOX	SEE QUALIFIED TERMINAL BLOCKS		BY FIELD	AB28	489.0 1427.0 65.0	E	M	D		3.112	0115	01

TAGS INCLUDED: B/M D71 SERIES ----B2E52
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: -

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
B2E53	TERMINAL/RELAY BOX	SEE QUALIFIED TERMINAL BLOCKS		BY FIELD	AB28	499.0 1439.0 65.0	E	M	D		3.112	0116	01
B2E90	ISOLATION/RELAY BOX	ISOLATION	SEE SUBCOMP	SEE SUBCOMP	AB27	489.0 1462.0 46.0	E	M	D	ESF	3.112	0117	02
B2E98	ISOLATION/RELAY BOX	ISOLATION	SEE SUBCOMP	SEE SUBCOMP	AB26	599.0 1397.0 48.0	E	M	D	ESF	3.112	0118	02
B2E99	ISOLATION/RELAY BOX	ISOLATION	SEE SUBCOMP	SEE SUBCOMP	AB26	599.0 1390.0 48.0	E	M	D	ESF	3.112	0119	02
B2G30	INTERLOCKING RELAY	MISCELLANEOUS CONTROL INTERLOCKS FOR CHRG	SEE SUBCOMPON-	SEE SUBCOMPENTS	AB24	544.0 1551.0 5.0	D	H	A	ESF	3.112	0121	03
B2G31	INTERLOCKING RELAY	MISC. CONTROL INTERLOCKS FOR CHARGING	SEE SUBCOMP	SEE SUBCOMP	AB24	567.0 1562.0 5.0	D	H	A	ESF	3.11-2	0122	03
B2G32	INTERLOCKING RELAY	MISC. CONTROL INTERLOCKS FOR CHARGING	SEE SUBCOMP	SEE SUBCOMP	AB24	572.0 1550.0 5.0	D	H	A	ESF	3.11-2	0123	03
B2G43	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB26	545.0 1432.0 50.0	E	M	D	ESF	420.7	0124	02
B2G44	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB26	558.0 1397.0 52.0	E	M	D	ESF	420.7	0125	02
B2G45	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB26	561.0 1397.0 52.0	E	M	D	ESF	420.7	0126	02
B2G46	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB26	564.0 1397.0 52.0	E	M	D	ESF	420.7	0127	02
B2G47	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB26	567.0 1397.0 52.0	E	M	D	ESF	420.7	0128	02

TAGS INCLUDED: B2E53 ----B2G47
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 83-MISC. EQUIPMENT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
B2G64	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB27	591.0 1457.0 47.0	E	M	D	ESF	420.7	0129	02
B2G65	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB26	599.0 1399.0 48.0	E	M	D	ESF	420.7	0130	02
B2G66	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB26	545.0 1435.0 50.0	E	M	D	ESF	420.7	0131	02
B2G73	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB27	593.0 1457.0 47.0	E	M	D	ESF	420.7	0132	02
B2G75	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB27	517.0 1460.0 47.0	E	M	D	ESF	420.7	0133	02
B2G85	TERMINAL BOX	SEE QUALIFIED TERMINAL BLOCKS		BY FIELD	AB28	489.0 1425.0 65.0	E	M	D		3.112	0134	01
B2G86	TERMINAL BOX	SEE QUALIFIED TERMINAL BLOCKS		BY FIELD	AB28	506.0 1439.0 65.0	E	M	D		3.112	0135	01
B2G87	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS ICES # 0145	SEE DWG. B4104	SEE DWG. B4104	AB24	558.0 1454.0 5.0	D	H	B	AUXSUP	3.11-21	0136	03
B2G88	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS ICES # 0145	SEE DWG. B4104	SEE DWG. B4104	AB24	556.0 1454.0 5.0	D	H	B	AUXSUP	3.11-21	0137	03
B2G89	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS ICES # 0145	SEE DWG. B4104	SEE DWG. B4104	AB24	562.0 1416.0 5.0	D	H	B	AUXSUP	3.11-21	0138	03
B2G90	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS ICES # 0145	SEE DWG. B4104	SEE DWG. B4104	AB24	556.0 1416.0 5.0	D	H	B	AUXSUP	3.11-21	0139	03
B2G91	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS ICES # 0145	SEE DWG. B4104	SEE DWG. B4104	AB25	575.0 1519.0 20.0	E	M	B	AUXSUP	3.11-21	0140	03

TAGS INCLUDED: B2G64 ----B2G91
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 53-CABLE & RACEWAY

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
B2G92	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B404	SEE DWG. B404	AB25	573.0 1519.0 20.0	E	M	B	AUXSUP	3.11-2	0141	03
B2G99	ISOLATION/RELAY BOX	ISOLATION	SEE SUBCOMP	SEE SUBCOMP	AB27	595.0 1457.0 47.0	E	M	D	ESF	3.112	0144	02
B2R76		SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B404	SEE DWG. B404	CC02	640.0 1686.0 27.0	H	M	D	AUXSUP	3.11-2	0147	02
B2R77		SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B404	SEE DWG. B404	TB14	594.0 1385.0 20.0	J	M	D	AUXSUP	3.11-2	0148	02
B2R78		SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B404	SEE DWG. B404	IT05	647.0 1071.0 20.0	I	M	D	AUXSUP	3.11-2	0149	02
B2R80		SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B404	SEE DWG. B404	DG01	486.0 1646.0 23.0	G	M	D	AUXSUP	3.11-2	0151	02
B2069	NEUTRON DETECTO	NEUTRON MONITORING		BY FIELD	RB15	712.0 1514.0 4.0	A	H	D	AUXSUP	3.112	0152	02
B2071	NEUTRON DETECTO	NEUTRON MONITORING		BY FIELD	RB15	714.0 1489.0 4.0	A	H	D	AUXSUP	3.112	0153	02
B2075	NEUTRON DETECTO	NEUTRON MONITORING		BY FIELD	RB15	688.0 1528.0 4.0	A	H	D	AUXSUP	3.112	0154	02
B2077	NEUTRON DETECTO	NEUTRON MONITORING		BY FIELD	RB15	666.0 1482.0 4.0	A	H	D	AUXSUP	3.112	0155	02
B2078	NEUTRON DETECTO	NEUTRON MONITORING		BY FIELD	RB15	665.0 1518.0 4.0	A	H	D	AUXSUP	3.112	0156	02
B2079	NEUTRON DETECTO	NEUTRON MONITORING		BY FIELD	RB15	665.0 1517.0 4.0	A	H	D	AUXSUP	3.112	0157	02

TAGS INCLUDED: B2G92 ----B2079
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 53-CABLE & RACEWAY

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
B215A	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B404	SEE DWG. B404	AB24	545.0 1502.0 5.0	D	H	B	AUXSUP	3.11-2	0158	03
B2166	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B404	SEE DWG. B404	AB27	544.0 1523.0 43.0	D	H	B	AUXSUP	3.11-2	0159	03
B2191	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B404	SEE DWG. B404	AB24	544.0 1514.0 3.5	D	H	B	AUXSUR	3.11-2	0160	03
B2192	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B404	SEE DWG. B404	AB24	544.0 1512.0 3.5	D	H	B	AUXSUP	3.11-2	0161	03
B2194	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B404	SEE DWG. B404	AB27	581.0 1566.0 43.0	E	M	B	AUXSUP	3.11-2	0162	03
B2195	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B404	SEE DWG. B404	AB27	581.0 1569.0 43.0	E	M	B	AUXSUP	3.11-2	0163	03
B2197	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B404	SEE DWG. B404	AB27	549.0 1528.0 43.0	D	H	B	AUXSUP	3.11-2	0164	03
B2198	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B404	SEE DWG. B404	AB27	559.0 1530.0 45.0	D	H	B	AUXSUP	3.11-2	0165	03
B2349	NEUTRON DETECTO	NEUTRON MONITORING		BY FIELD	RB15	676.0 1474.0 4.0	A	H	D	AUXSUP	3.112	0166	02
B2351	NEUTRON DETECTO	NEUTRON MONITORING		BY FIELD	RB15	677.0 1473.0 4.0	A	H	D	AUXSUP	3.112	0167	02
B257A	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B404	SEE DWG. B404	AB25	610.0 1539.0 20.0	D	H	B	AUXSUP	3.11-2	0168	03
B258A	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B404	SEE DWG. B404	RB15	629.0 1533.0 18.0	A	H	B	AUXSUP	3.11-2	0169	03

TAGS INCLUDED: B215A ----B258A

SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 53-CABLE & RACEWAY

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
B2725	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B4O4	SEE DWG. B4O4	AB27	571.0 1565.0 43.0	E	M	B	AUXSUP	3.11-2	0170	03
B2756	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B4O4	SEE DWG. B4O4	AB24	544.0 1463.0 5.0	D	H	B	AUXSUP	3.11-2	0171	03
B2982 (TIA-4420)	ENCLOSURE	HOUSING FOR TIA		BY FIELD	FH22	734.0 1581.0 66.0	F	M	D		3.112	0172	01
B2984 (TIA-4421)	ENCLOSURE	HOUSING FOR TIA		BY FIELD	FH22	752.0 1586.0 66.0	F	M	D		3.112	0173	01
CCW P 2A	PUMP MOTOR	COMPONENT COOLING WATER PUMP 2A	GENERAL ELECTRIC	SK828840C81	CCO2	682.0 1698.0 12.0	H	M	D		7.3-2	0174	01
CCW P 2A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	CCO2	683.0 1662.0 28.0	H	M	D	SD	3.112	0175	01
CCW P 2B	PUMP MOTOR	COMPONENT COOLING WATER PUMP 2B	GENERAL ELECTRIC COMPA	SK828840C81	CCO2	646.0 1698.0 12.0	H	M	D		7.3-2	0176	01
CCW P 2B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	B/M C1O-2A	CCO2	640.0 1660.0 28.0	H	M	D	SD	3.112	0177	01
CCW P 2C	PUMP MOTOR	COMPONENT COOLING WATER PUMP 2C	GENERAL ELECTRIC CO.	SK828840C81	CCO2	664.0 1698.0 12.0	H	M	D		MRL	0178	01
CCW P 2C PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	B/M C1O-2A	CCO2	677.0 1730.0 27.0	H	M	D	SD	3.112	0179	01
CHGG P 2A	PUMP MOTOR	CHARGING PUMP 2A;CVCS MAKEUP	WESTINGHOUSE	384D787/75O 4-1	AB24	552.0 1553.0 1.0	D	H	A	RPS ESF	MRL	0180	03
CHGG P 2A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C1O-2A	AB24	550.0 1562.0 4.0	D	H	B	RPS ESF	MRL	0181	03

TAGS INCLUDED: B2725 ----CHGG P 2A PB
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 02-CHEMICAL&VOL CONTROL

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
CHGG P 2B	PUMP MOTOR	CHARGING PUMP 2B	WESTINGHOUSE	384D787	AB24	562.0 1550.0 1.0	D	H	A	RPS ESF	MRL	0182	03
CHGG P 2B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-2A	AB24	565.0 1562.0 4.0	D	H	B	RPS ESF	MRL	0183	03
CHGG P 2C	PUMP MOTOR	CHARGING PUMP 2C	WESTINGHOUSE	384D787/750 4-2	AB24	580.0 1553.0 1.0	D	H	A	RPS ESF	MRL	0184	03
CHGG P 2C PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-2A	AB24	578.0 1562.0 4.0	D	H	B	RPS ESF	MRL	0185	03
CPL/BISHOP 45	CABLE PULLING LUBRICA	REDUCES FRICTION WHILE INSTALLING	BISHOP ELEC TRICO.	BISHOP#45	RB15	650. 1452. 24.0	A	H	B		3.11-2	0020	03
CS-A-1000	CONTROL SWITCH	DC BUS TRANSF.	GENERAL ELECTRIC	CR2940	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	MRL	0186	01
CS-AA-1000	CONTROL SWITCH	DC BUS TRANSF.	GENERAL ELECTRIC	CR2940	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	MRL	0187	01
CS-B-1000	CONTROL SWITCH	DC BUS TRANSF.	GENERAL ELECTRIC	CR2940	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	MRL	0188	01
CS-BB-1000	CONTROL SWITCH	DC BUS TRANSF.	GENERAL ELECTRIC	CR2940	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	MRL	0189	01
CS-1154	CONTROL SWITCH	HVAC CNTRL OF SYS. 25 FCV	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0190	01
CS-1155	CONTROL SWITCH	FCV-25-31 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0191	01
CS-1156	CONTROL SWITCH	FCV-25-32 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0192	01

TAGS INCLUDED: CHGG P 2B ----CS-1156
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: -

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
CS-1157	CONTROL SWITCH	FCV-25-33 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0193	01
CS-1158	CONTROL SWITCH	FCV-25-29 CONTROL	MICROSWITCH	PTK	AB26	547.0 1408.0 62.0	E	M	D		MRL	0194	01
CS-1159	CONTROL SWITCH	FCV-25-34 CONTROL	MICROSWITCH	PTK	AB26	547.0 1408.0 62.0	E	M	D		MRL	0195	01
CS-1160	CONTROL SWIT	FCV-25-20 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0196	01
CS-1161	CONTROL SWIT	FCV-25-20 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0197	01
CS-1164	CONTROL SWITCH	FCV-25-26 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0198	01
CS-1170	CONTROL SWITCH	FCV-25-14 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0199	01
CS-1171	CONTROL SWITCH	FCV-25-15 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0200	01
CS-1172	CONTROL SWITCH	FCV-25-16 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0201	01
CS-1173	CONTROL SWITCH	FCV-25-17 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0202	02
CS-1174	CONTROL SWITCH	FCV-25-18 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0203	01
CS-1175	CONTROL SWITCH	FCV-25-19 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0204	01

TAGS INCLUDED: CS-1157 ----CS-1175
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: -

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
CS-1176	CONTROL SWITCH	FCV-25-11 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0205	01
CS-1177	CONTROL SWITCH	FCV-25-12 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0206	01
CS-1178	CONTROL SWITCH	FCV-25-13 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0207	01
CS-1190	CONTROL SWITCH	FCV-25-24 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0208	01
CS-1191	CONTROL SWITCH	FCV-25-25 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0209	01
CS-157-1	CONTROL SWITCH	CS FOR VLV CONTROL	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0210	01
CS-157-2	CONTROL SWITCH	LATER	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0211	01
CS-1608-1	CONTROL SWITCH	DIESEL GEN 2A VOLTAGE	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D	SD	MRL	0212	01
CS-1618-1	CONTROL SWITCH	DIESEL GEN 2B VOLTAGE	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D	SD	MRL	0213	01
CS-176-1	CONTROL SWITCH	SE-02-02 CONTROL	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0214	01
CS-176-2	CONTROL SWITCH	SE-02-01 CONTROL	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D		MRL	0215	01
CS-177	CONTROL SWITCH	CHGG P 2A CONTROL	GENERAL ELECTRIC	BY FIELD	AB27	519.0 1391.0 43.0	E	M	D		MRL	0216	01

TAGS INCLUDED: CS-1176 ----CS-177
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: -

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
CS-178	CONTROL SWITCH	CHGG P 2B CONTROL	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D		MRL	0217	01
CS-179	CONTROL SWITCH	CHGG P 2C CONTROL	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0218	01
CS-189-1	CONTROL SWITCH	SE-02-03 CONTROL	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0219	01
CS-189-2	CONTROL SWITCH	SE-02-04 CONTROL	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0220	01
CS-189-3	CONTROL SWITCH	SE-02-03 CONTROL	GENERAL ELECTRIC	SBM	AB26	573.0 1424.0 62.0	E	M	D	SD	MRL	0221	01
CS-189-4	CONTROL SWITCH	SE-02-04 CONTROL	GENERAL ELECTRIC	SBM	AB26	573.0 1424.0 62.0	E	M	D	SD	MRL	0222	01
CS-194-1	CONTROL SWITCH	V-2522 CONTROL	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0223	01
CS-194-2	CONTROL SWITCH	V-2523 CONTROL	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0224	01
CS-201	CONTROL SWITCH	COMPONENT COOLING WATER PUMP 2A	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0225	01
CS-202-1	CONTROL SWITCH	LATER	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D		MRL	0226	01
CS-202-2	CONTROL SWITCH	CCW TO NORMAL HDR ISOL VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D		MRL	0227	01
CS-202-3	CONTROL SWITCH	CCW FROM NORMAL HDR ISOL VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0228	01

TAGS INCLUDED: CS-178 ----CS-202-3
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: -

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
CS-202-4	CONTROL SWITCH	CCW FROM NORMAL HDR ISOL VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0229	01
CS-203	CONTROL SWITCH	CCW HDR A TO CW PUMP 2C VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0230	01
CS-204	CONTROL SWITCH	CCW PUMP 2C DISCH TO HDR A	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0231	01
CS-205	CONTROL SWITCH	LATER	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0232	01
CS-207	CONTROL SWITCH	CCW HDR B TO CW PUMP 2C VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0233	01
CS-208	CONTROL SWITCH	CCW PUMP 2C DISCH TO HDR B	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0234	01
CS-209	CONTROL SWITCH	COMPONENT COOLING WATER PUMP 2C	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0235	01
CS-211-1	CONTROL SWITCH	SHUTDOWN HX 2A CCW VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D		MRL	0236	01
CS-211-2	CONTROL SWITCH	SHUTDOWN HX CCW VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0237	01
CS-212-1	CONTROL SWITCH	CCW TO RC PUMPS ISOL VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0238	01
CS-212-2	CONTROL SWITCH	CCW TO RC PUMPS ISOL VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0239	01
CS-212-3	CONTROL SWITCH	CCW FROM RC PUMPS ISOL VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0240	01

TAGS INCLUDED: CS-202-4 ----CS-212-3
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: -

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
CS-212-4	CONTROL SWITCH	CCW FROM RC PUMPS ISOL VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0241	01
CS-228-1	CONTROL SWITCH	MV-14-17 CONTROL	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0242	01
CS-229-1	CONTROL SWITCH	CCW HDR A TO FUEL POOL HX	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0243	01
CS-237	CONTROL SWITCH	HP SAFETY INJECTION PUMP 2A	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0244	01
CS-238	CONTROL SWITCH	HP SAFETY INJECTION PUMP 2B	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0245	01
CS-246-1	CONTROL SWITCH	SIAS CHANNEL SA	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0246	01
CS-246-2	CONTROL SWITCH	SIAS BLOCK CHANNEL SA	MICROSWITCH	PTK	AB26	581.0 1403.0 62.0	E	M	D		MRL	0247	01
CS-246-3	CONTROL SWITCH	CS FOR VLV CONTROL	MICRO-SWITCH	PTK	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0248	01
CS-248-1	CONTROL SWITCH	SIAS CHANNEL SB	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0249	01
CS-248-2	CONTROL SWITCH	SIAS BLOCK CHANNEL SB	MICRO-SWITCH	PTK	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0250	01
CS-248-3	CONTROL SWITCH	SIAS BLOCK CHANNEL SB	MICRO-SWITCH	PTK	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0251	01
CS-251	CONTROL SWITCH	L P SAFETY INJECTION PUMP 2A	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0252	01

TAGS INCLUDED: CS-212-4 ----CS-251
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME:

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
CS-252	CONTROL SWITCH	LOP SAFETY INJECTION PUMP 2B	GENERAL ELECTRIC CO.	SBM	AB26	581.0 1403.0 62.	E	M	D	SD	MRL	0253	01
CS-287	CONTROL SWITCH	CONTAINMENT SPRAY PUMP 2A	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0254	01
CS-290	CONTROL SWITCH	CONTAINMENT SPRAY PUMP 2A	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0255	01
CS-297	CONTROL SWITCH	SI/CS PUMP SUCT FROM RWT	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0256	01
CS-298	CONTROL SWITCH	SI/CS PUMP SUCT FROM RWT	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0257	01
CS-299	CONTROL SWITCH	CONTAINMENT SUMP VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0258	01
CS-800	CONTROL SWITCH	CONTAINMENT SUMP VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0259	01
CS-302-1	CONTROL SWITCH	CSAS CHANNEL SA	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0260	01
CS-302-2	CONTROL SWITCH	RAS CHANNEL SA	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0261	01
CS-303-1	CONTROL SWITCH	CSAS CHANNEL SB	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0262	01
CS-303-2	CONTROL SWITCH	RAS CHANNEL SB	GENERAL ELECTRIC CO.	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D		MRL	0263	01
CS-304	CONTROL SWITCH	FAN CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0264	01

TAGS INCLUDED: CS-252 ----CS-304
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: -

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
CS-305	CONTROL SWITCH	LATER	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0265	01
CS-311	CONTROL SWITCH	MAIN STEAM HDR A BYPASS VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0266	01
CS-312	CONTROL SWITCH	MAIN STEAM HDR A ISOLATRION VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0267	01
CS-314	CONTROL SWITCH	MAIN STEAM HDR B BYPASS VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0268	01
CS-315	CONTROL SWITCH	MAIN STEAM HDR B ISOLATRION VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0269	01
CS-317	CONTROL SWITCH	INSTRUMENT AIR CONTAINMENT ISOL	GENERAL ELECTRIC CO.	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D		MRL	0270	01
CS-490	CONTROL SWITCH	2HVE-13A CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0271	01
CS-491	CONTROL SWITCH	LATER	GE	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D		MRL	0272	01
CS-492	CONTROL SWITCH	2HVA/ACC-3A CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0273	01
CS-494	CONTROL SWITCH	2HVA/ACC-3B CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0274	01
CS-496	CONTROL SWITCH	LATER	GE	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D		MRL	0275	01
CS-503	CONTROL SWITCH	2HVE-9A CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0276	01

TAGS INCLUDED: CS-305 ----CS-503
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: -

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X.Y.Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
CS-504	CONTROL SWITCH	2HVE-9B CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0277	01
CS-505	CONTROL SWITCH	2HVS-4A CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0278	01
CS-506	CONTROL SWITCH	2HVS-4B CONTROL	GENERAL ELECTRIL	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0279	01
CS-513	CONTROL SWITCH	2HVE-6A CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0280	01
CS-522	CONTROL SWITCH	2HVS-2A CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0281	01
CS-523	CONTROL SWITCH	2HVS-2B CONTROL	GENERAL ELECTRI	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0282	01
CS-524	CONTROL SWITCH	2HVE-3A CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0283	01
CS-525	CONTROL SWITCH	LATER	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0284	01
CS-536	CONTROL SWITCH	DRAIN VALVES TO RAB SUMP	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0285	01
CS-586	CONTROL SWITCH	DRAIN VALVES TO RAB SUMP	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0286	01
CS-608-1	CONTROL SWITCH	AUX FW PUMP 2A DISCH TO SG 2A VALVE	MICRO-SWITCH	PTK	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0287	01
CS-608-2	CONTROL SWITCH	MV-09-9 CONTROL	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0288	01

TAGS INCLUDED: CS-504 ----CS-608-2
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: -

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
CS-609-1	CONTROL SWITCH	MV-09-10 CONTR OL	MICRO-SWITC H	PTK	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0289	01
CS-609-2	CONTROL SWITCH	MV-09-10 CONTR OL	GENERAL ELE CTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0290	01
CS-610-1	CONTROL SWITCH	AUX FW PUMP 2A DISCH TIE VAL VE MV-09-13	MICRO-SWITC H	PTK	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0291	01
CS-610-2	CONTROL SWITCH	AUX FW PUMP 2A DISCH TIE VLV MV-09-13	GENERAL ELE CTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0292	01
CS-611-1	CONTROL SWITCH	AUX FW PUMP 2B DISCH TIE VAL VE MV-09-14	MICRO-SWITC H	PTK	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0293	01
CS-611-2	CONTROL SWITCH	AUX FW PUMP 2B DISCH TIE VLV MV-09-14	GENERAL ELE CTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0294	01
CS-612-1	CONTROL SWITCH	MV-09-11 CONTR OL	MICRO-SWITC H	PTK	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0295	01
CS-612-2	CONTROL SWITCH	MV-09-11 CONTR OL	GENERAL ELE CTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0296	01
CS-613-1	CONTROL SWITCH	MV-09-12 CONTR OL	MICRO-SWITC H	PTK	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0297	01
CS-613-2	CONTROL SWITCH	MV-09-12 CONTR OL	GENERAL ELE CTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0298	01
CS-629-2	CONTROL SWITCH	AUX FEEDWATER PUMP 2A	GENERAL ELE CTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0300	01
CS-630	CONTROL SWITCH	AUX FEEDWATER PUMP 2B	MICRO-SWITC H	PTK	AB26	563.0 1427.0 62.0	E	M	D	SD	SB	0301	01

TAGS INCLUDED: CS-609-1 ----CS-630
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: -

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
CS-630-2	CONTROL SWITCH	AUX FEEDWATER PUMP 2B	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0302	01
CS-632-1	CONTROL SWITCH	MV-08-3 CONTROL	MICRO-SWITCH	PTK	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0303	01
CS-632-2	CONTROL SWITCH	MV-08-3 CONTROL	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0304	01
CS-633	CONTROL SWITCH	FEEDWATER TO SG 2B ISOLATION VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0305	01
CS-638-1	CONTROL SWITCH	SG 2A WARMUP STEAM AUX FWP 2C TURB VALVE	MICRO SWITCH	PTK					D	SD	MRL	0306	01
CS-638-2	CONTROL SWITCH	SG 2B WARMUP STEAM AUX FWP 2C TURB VALVE	MICRO SWITCH	PTK					D	SD	MRL	0307	01
CS-652-1	CONTROL SWITCH	SG 2A STEAM TO AUX FWP 2C TURB RB VALVE MV-08	MICRO SWITCH	PTK					D	SD	MRL	0308	01
CS-652-2	CONTROL SWITCH	SG 2A STEAM TO AUX FWP 2C TU RB VALVE MV-08	MICRO-SWITCH	PTK	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0309	01
CS-653-1	CONTROL SWITCH	SG 2B STEAM TO AUX FWP 2C TU RB VALVE MV-08	MICRO-SWITCH	PTK	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0310	01
CS-653-2	CONTROL SWITCH	VLV CONTROL	MICRO-SWITCH	PTK	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0311	01
CS-832	CONTROL SWITCH	INTAKE COOL WATER PUMP 2A	GENERAL ELECTRIC CO.	SBM	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0312	01
CS-833	CONTROL SWITCH	INTAKE COOL WATER PUMP 2B	GENERAL ELECTRIC	SBM	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0313	01

TAGS INCLUDED: CS-630-2 ----CS-833
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: -

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
CS-834	CONTROL SWITCH	INTAKE COOL WATER PUMP 2C	GENERAL ELECTRIC	SBM	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0314	01
CS-835	CONTROL SWITCH	INTAKE COOL WATER HDR A ISOLATION VALVE MV	GENERAL ELECTRIC	SBM	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0315	01
CS-836	CONTROL SWITCH	INTAKE COOL WATER HDR B ISOLATION VALVE MV	GENERAL ELECTRIC	SBM	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0316	01
CS-837	CONTROL SWITCH	LUBE WATER TO CIRC PUMPS ISOL VALVE MV-21-1	GENERAL ELECTRIC	SBM	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0317	01
CS-849	CONTROL SWITCH	PRIMARY WATER CONTAINMENT ISOL	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0318	01
CS-936	CONTROL SWITCH	4916 KV BUS TIE 2A3-2A2	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D	SD	MRL	0319	01
CS-937	CONTROL SWITCH	4.16 KV BUS TIE 2B3-2B2	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0320	01
CS-938	CONTROL SWITCH	4.16 KV BUS TIE 2A3-2AB	GENERAL ELECTRIC CO.	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0321	01
CS-939	CONTROL SWITCH	4.16 BUS TIE 2B3-2AB	GENERAL ELECTRIC CO.	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0322	01
CS-940	CONTROL SWITCH	4.16 KV BUS TIE 2A8-2A3	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0323	01
CS-941	CONTROL SWITCH	4916 KV BUS TIE 2A8-2B3	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0324	01
CS-943	CONTROL SWITCH	PRESSURIZER HEATER TRANSFORMER 2A3	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0325	01

TAGS INCLUDED: CS-834 ----CS-943
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: -

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
CS-944	CONTROL SWITCH	PRESSURIZER HEATER TRANSFORMER 2B3	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0326	01
CS-946	CONTROL SWITCH	STATION SERVICE TRANSFORMER 2A2	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0327	01
CS-948	CONTROL SWITCH	STATION SERVICE TRANSFORMER 2B2	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0328	01
CS-953	CONTROL SWITCH	DIESEL GEN 2A 4.16 KV BREAKER	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0329	01
CS-957	CONTROL SWITCH	DIES. GEN.2ACONTROL	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D	SD	MRL	0330	01
CS-958	CONTROL SWITCH	DIESEL GEN 2A GOVENOR	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0331	01
CS-963	CONTROL SWITCH	DIESEL-GEN 2B 4.16 KV BREAKER	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0332	01
CS-967	CONTROL SWITCH	DG 2B CONTROL	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0333	01
CS-968	CONTROL SWITCH	DIESEL GEN 2B GOVENOR	GE	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0334	01
CS-968 DELETE	CONTROL SOLENOID	DIESEL GEN 2B GOVENOR		BY FIELD	AB26	555.0 1427.0 62.0	E	M	D		MRL	0335	01
CS-977	CONTROL SWITCH	480V BUS 2A2 FEEDER	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0336	01
CS-978	CONTROL SWITCH	480V BUS TIE 2B-2AB	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0337	01

TAGS INCLUDED: CS-944 ----CS-978
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: -

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
CS-979	CONTROL SWITCH	480V BUS TIE 2 AB-2A2	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0338	01
CS-980	CONTROL SWITCH	480V BUS 2B2 FEEDER	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0339	01
CS-981	CONTROL SWITCH	480V BUS TIE 2 B-2AB	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0340	01
CS-982	CONTROL SWITCH	480V BUS TIE 2 AB-2B2	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0341	01
CSP 2A	PUMP MOTOR	CONTAINMENT HEAT REMVL	SIEMENS-ALLIS	EL85117-903 O1-1	AB24	580.0 1492.0 -1.0	D	H	A	ESF	LPG	0342	03
CSP 2A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C8-5	AB24	584.0 1501.0 5.0	D	H	B	RPS ESF	3.112	0343	03
CSP 2B	PUMP MOTOR	CONTAINMENT HEAT REMVL	SIEMENS-ALLIS	EL85117-903 O1-1	AB24	555.0 1492.0 -1.0	D	H	A	ESF	LPG	0344	03
CSP 2B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-4B	AB24	569.0 1500.0 7.0	D	H	B	RPS ESF	3.112	0345	03
D-1	DAMPER OPERATOR	AIR SUPPLY DAMPERS TO ECCS PUMP ROOM A	ITT GENERAL CONTROLS	NH-90 SERIES/ NH-95	AB24	581.0 1486.0 5.0	D	H	A	ESF	7.3-2	0348	03
D-12A (FC)	DAMPER OPERATOR	ECCS AREA ISOLATION DAMPERS	ITT GENERAL CONTROLS	NH-90/	AB25	578.0 1515.0 20.0	E	M	D		7.3-2	0349	01
D-12B (FC)	DAMPER OPERATOR	ECCS AREA ISOLATION DAMPERS	ITT GENERAL CONTROLS	NH-90/	AB25	578.0 1513.0 20.0	E	M	D		7.3-2	0350	01
D-13	DAMPER OPERATO	RAB ISOLATION	ITT GENERAL CONTROL	NH-90 SERIES/ NH-95	AB27	561.0 1533.0 43.0	D	H	A	ESF	MRL	0351	03

TAGS INCLUDED: CS-979 ----D-13
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-ECCS VENTILATING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
D-14	DAMPER OPERATOR	RAB ISOLATION	ITT GENERAL CONTROLS	NH-90 SERIES/ NH-95	AB27	553.0 1531.0 43.0	D	H	A	ESF	MRL	0352	03
D-15	DAMPER OPERATOR	RAB ISOLATION	ITT GENERAL CONTROLS	NH-90 SERIES/ NH-95	AB27	586.0 1566.0 43.0	D	M	A	ESF	MRL	0353	03
D-16.	DAMPER OPERATOR	RAB ISOLATION	ITT GENERAL CONTROLS	NH-90 SERIES/ NH/95	AB27	586.0 1570.0 43.0	D	M	A	ESF	MRL	0354	03
D-17A (F.O.)	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90/	AB28	499.0 1429.0 65.0	E	M	D	ESF	MRL	0355	01
D-17B (F.O.)	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90/	AB28	513.0 1429.0 65.0	E	M	D	ESF	MRL	0356	01
D-18 (F.O.)	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90/	AB28	499.0 1433.0 65.0	E	M	D	ESF	MRL	0357	01
D-19 (F.O.)	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90/	AB28	.513.0 1433.0 65.0	E	M	D	ESF	MRL	0358	01
D-2	DAMPER OPERATOR	DAMPERS TO ECCS PUMP ROOM A	ITT GENERAL CONTROLS	NH-90 SERIES/ NH-95	AB24	573.0 1484.0 5.0	D	H	A	ESF	7.3-2	0359	03
D-20 (F.O.)	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90/	AB28	575.0 1453.0 63.0.	E	M	D	ESF	MRL	0360	01
D-21 (F.O.)	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90/	AB28	562.0 1453.0 63.0	E	M	D	ESF	MRL	0361	01
D-22 (F.O.)	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90/	AB28	547.0 1453.0 63.0	E	M	D	ESF	MRL	0362	01
D-23	DAMPER OPERATOR	SBVS CONT.	ITT GENERAL CONTROLS	NH-90 SERIES/ NH-91 R	AB27	576.0 1531.0 46.0	D	H	A	ESF	MRL	0363	03

TAGS INCLUDED: D-14 ----D-23
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-ECCS VENTILATING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
D-24	DAMPER OPERATOR	SBVS CONT.	ITT GENERAL CONTROL	NH-90 SERIES/ NH-91 R	AB27	578.0 1515.0 46.0	D	H	A	ESF	MRL	0364	03
D-29 (N.O.,F.C.)	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90/	FH21	667.0 1617.0 50.0	F	M	D		MRL	0365	01
D-3	DAMPER OPERATOR	AIR SUPPLY DAMPERS TO ECCS PUMP ROOM B	ITT GENERAL CONTROL	NH-90 SERIES NH-95	AB24	564.0 1486.0 5.0	D	H	A	ESF	7.3-2	0366	03
D-30 (N.O.,F.C.)	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90/	FH21	669.0 1618.0 50.0	F	M	D		MRL	0367	01
D-31 (N.O.,F.C.)	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90/	FH20	640.0 1610.0 36.0	F	M	D		MRL	0368	01
D-32 (N.O.,F.C.)	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90/	FH20	638.0 1610.0 36.0	F	M	D		MRL	0369	01
D-33 (N.O.,F.C.)	DAMPER OPERATOR	LATER	ITT GENERAL CONROLS	NH-90/	FH20	636.0 1583.0 36.0	F	M	D		MRL	0370	01
D-34 (N.O.,F.C.)	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90/	FH20	637.0 1583.0 36.0	F	M	D		MRL	0371	01
D-35 (N.O.,F.C.)	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90/	FH20	658.0 1592.0 36.0	F	M	D		MRL	0372	01
D-4	DAMPER OPERATOR	AIR SUPPLY DAMPERS TO ECCS PUMP	ITT GENERAL CONTROLS	NH-90/95	AB24	557.0 1485.0 5.0	D	H	A	ESF	7.3-2	0375	03
D-40	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90 SERIES	AB28	561.0 1423.0 76.0	E	M	D	ESF	MRL	0376	01
D-6A	DAMPER OPERATOR	ECCS AREA ISOLATION DAMPERS	ITT GENERAL CONTROL	NH-90 SERIES/ NH-95	AB24	558.0 1419.0 5.0	D	H	A	ESF	7.3-2	0379	03

TAGS INCLUDED: D-24 ----D-6A
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-ECCS VENTILATING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
D-7A (F.C.)	DAMPER OPERATOR	ECCS AREA ISOLATION DAMPERS	ITT GENERAL CONTROLS	NH-90/	AB24	538.0 1496.0 5.0	E	M	D		7.3-2	0381	01
D-7B (F.C.)	DAMPER OPERATOR	ECCS AREA ISOLATION DAMPERS	ITT GENERAL CONTROLS	NH-90/	AB24	537.0 1496.0 5.0	E	M	D		7.3-2	0382	01
D-8A	DAMPER OPERATOR	ECCS AREA ISOLATION DAMPERS	ITT GENERAL CONTROL	NH-90 SERIES/ H-95	AB24	558.0 1460.0 5.0	D	H	A	ESF	7.3-2	0383	03
D-8B	DAMPER OPERATOR	ECCS AREA ISOLATION DAMPERS	ITT GENERAL CONTROL	NH-90 SERIES/ NH 95	AB24	558.0 1459.0 5.0	D	H	A	ESF	7.3-2	0384	03
D-9A	DAMPER OPERATOR	ECCS AREA ISOLATION DAMPERS	ITT GENERAL ONFIRMA	NH-90 SERIES/ NH-95	AB24	548.0 1515.0 5.0	D	H	A		7.3-2	0385	03
D-9B	DAMPER OPERATOR	ECCS AREA ISOLATION DAMPERS	ITT GENERAL CONTROL	NH-90 SERIES/ NH-95	AB24	549.0 1515.0 5.0	D	H	A	 ESF	7.3-2	0386	03
DC BUS MA	AC & DC PNL	PROVIDE CLASS IE DC PWR	SYSTEMS CONTROL	BY FIELD	AB26	597.0 1429.0 48.0	E	M	D	AUXSUP	3.112	0387	01
DC BUS MB	AC & DC PNL	PROVIDE CLASS IE DC PWR	SYSTEMS CONTROL	BY FIELD	AB26	545.0 1420.0 48.0	E	M	D	AUXSUP	3.112	0388	01
DC BUS MC	AC & DC PNL	PROVIDE CLASS IE DC PWR	SYSTEMS CONTROL	BY FIELD	AB26	597.0 1420.0 48.0	E	M	D	AUXSUP	3.112	0389	01
DC BUS MD	AC & DC PNL	PROVIDE CLASS IE DC PWR	SYSTEMS CONTROL	BY FIELD	AB26	545.0 1403.0 48.0	E	M	D	AUXSUP	3.112	0390	01
DC BUS 2A	AC & DC PNL	PROVIDE CLASS IE DC PWR	SYSTEMS CONTROL	BY FIELD	AB27	540.0 1437.0 43.0	E	M	D	AUXSUP	3.112	0391	01
DC BUS 2AB	AC & DC PNL	PROVIDE CLASS IE DC PWR	SYSTEMS CONTROL	BY FIELD	AB27	540.0 1418.0 43.0	E	M	D	AUXSUP	3.112	0392	01

TAGS INCLUDED: D-7A (F.C.) ----DC BUS 2AB
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: -

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
DC BUS 2B	AC & DC PNL	PROVIDE CLASS IE DC PWR	SYSTEMS CONTROL	BY FIELD	AB27	540.0 1410.0 43.0	E	M	D	AUXSUP	3.112	0393	01
DG 2A	DIESEL GEN.	PROVIDE CL IE AC PWR	MORRIS-KNUDSEN	BY FIELD	DG01	517.0 1700.0 25.0	G	M	D		3.112	0394	01
DG 2A CT TB	DIESEL GEN SET	PROVIDE CL 1E SAFETY PWR	MORRIS-KNUDSEN	BY FIELD	DG01	527.0 1696.0 24.0	G	M	D	AUXSUP	3.112	0395	01
DG 2A TB	DIESEL GEN SET	PROVIDE CL 1E SAFETY PWR	MORRIS-KNUDSEN	BY FIELD	DG01	527.0 1694.0 24.0	G	M	D		3.112	0396	01
DG 2B	DIESEL GEN SET	PROVIDE CL 1E SAFETY PWR	MORRIS-KNUDSEN	BY FIELD	DG01	485.0 1700.0 25.0	G	M	D		3.112	0397	01
DG 2B CT TB		LATER SAFETY PWR	MORRIS-KNUDSEN	BY FIELD	DG01	498.0 1696.0 24.0	G	M	D		3.112	0398	01
DG 2B TB	DIESEL GEN SET	PROVIDE CL 1E SAFETY PWR	MORRIS-KNUDSEN	BY FIELD	DG01	498.0 1694.0 24.0	G	M	D		3.112	0399	01
DO TRANS P 2A	PUMP MOTOR	LATER		BY FIELD	DT04	616.0 1771.0 19.0	J	M	D		3.112	0400	01
DO TRANS P 2B	PUMP MOTOR	LATER		BY FIELD	DT04	607.0 1771.0 19.0	J	M	D		3.112	0401	01
EHC-2HVE-6A1	ELECTRIC HEATING	HUMIDTY CONTRL FOR SBVS	WATLOW	1.5/30KW	AB27	595 1535 43	D	H	A	ESF	7.5-1	0781	03
EHC-2HVE-6A2	ELECTRIC HEATING	HUMIDTY CONTRL FOR SBVS	WATLOW	1.5/30KW	AB27	594 1515 43	D	H	A	ESF	7.5-1	2003	03
EHC-2HVE-6B1	ELECTRIC HEATING	HUMIDTY CONTRL FOR SBVS	WATLOW	1.5/30KW	AB27	590 1515 43	D	H	A	ESF	7.5-1	2004	03

TAGS INCLUDED: DC BUS 2B ----EHC-2HVE-6B1
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-SHIELD BLDG. VENT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
EHC-2HVE-6B2	ELECTRIC HEATING	HUMIDTY CONTRL FOR SBVS	WATLOW	1.5/30KW	AB27	595 1535 43	D	H	A	ESF	7.5-1	2005	03
ENG 2A1 TB		LATER	MORRIS-KNUD SEN	BY FIELD	DG01	526.0 1716.0 26.0	G	M	D		3.112	0402	01
ENG 2A2 TB		LATER	MORRIS-KNUD SEN	BY FIELD	DG01	526.0 1673.0 26.0	G	M	D		3.112	0403	01
ENG 2B1 TB		LATER	MORRIS-KNUD SEN	BY FIELD	DG01	496.0 1716.0 26.0	G	M	D		3.112	0404	01
ENG 2B2 TB		LATER	MORRIS-KNUD SEN	BY FIELD	DG01	496.0 1716.0 26.0	G	M	D		3.112	0405	01
FC-3301	FLOW CONTROLLER	LATER	FOXBORO INSTRUMENT COM	2AC+D+A4					D		CE-ML	0412	01
FC-3306	FLOW CONTROLLER	LATER	FOXBORO INSTRUMENT COM	2AC+D+A4					D		CE-ML	0413	01
FCV-07-1A	CONTROL VALVE	CONT ISOL.	ASCO/NAMCO	S:NP831664E LS:EA18	AB25	608.0 1527.0 20.0	D	H	A		JMG	2023	03
FCV-07-1B	CONTROL VALVE	CONT ISOL	ASCO/NAMCO	LS:EA180213 02 S:NP831	AB25	596.0 1494.0 20.0	D	H	A	AUXSUP	MRL<	2024	03
FCV-2210Y (FC)	FLOW CONTROL VALVE	BAMP DISCHARGE CLOSES(SIAS)	COMB. ENGR.	BY FIELD	AB24	511.0 1548.0 7.0	E	M	D		3.9-9	0424	01
FCV-23-3	CONTROL VALVE	SG BLOWDOWN CLOSES(CIAS)	ASCO/NAMCO	LS:EA180213 02 S:NP831	AB25	613.0 1537.0 20.0	D	H	A		3.9-10	0425	03
FCV-23-4CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16	RB15	625.0 1532.0 37.0	A	H	A	ESF AUXSUP PAM	MRL<	2040	03

TAGS INCLUDED: EHC-2HVE-6B2 ----FCV-23-4CM
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 23-BLOWDOWN

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FCV-23-5	CONTROL VALVE	SG BLOWDOWN CLOSES(CIAS)	ASCO/NAMCO	S:NP8321A1E LS:EA18	AB25	609.0 1501.0 20.0	D	H	A		3.9-10	0426	03
FCV-23-6(.F.C.)	FLOW CNTROL VALVE	STM GEN 2B BLOWDOWN	WKM VALVE DIV/ACF	2 INCHES 600# GATE	RB15	617.0 1501.0 20.0	A	H	A			2116	03
FCV-23-6CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16 N-11006	RB15	617.0 1501.0 20.0	A	H	A	ESF AUXSUP PAM	MRL<	2039	03
FCV-23-7	CONTROL VALVE	SG SAMPLE CLOSES(CIAS)	ASCO/NAMCO	S:NP8321A1E	AB25	603.0 1517.0 20.0	D	H	A		3.9-10	0427	03
FCV-23-9	CONTROL VALVE	SG SAMPLE CLOSES(CIAS)	ASCO/NAMCO	BY FIELD	AB25	608.0 1498.0 20.0	D	H	A		3.9-10	0428	03
FCV-25-1	CONTROL VALVE	CONT ISOL CLOSE(CIAS)	ASCO/NAMCO	S:HTX8331A4 5E LS:EA74	AB25	628.0 1552.0 20.0	D	M	A		3.9-10	0429	03
FCV-25-11		SBVS ISOLATION	LIMITORQUE	BY FIELD	AB27	606.0 1537.0 47.0	D	H	A		1.9A.1	0430	03
FCV-25-11 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M	AB27	599.0 1539.0 43.0	D	H	B	RPS ESF	3.112	0431	03
FCV-25-12		SBVS ISOLATION	LIMITORQUE	BY FIELD	AB27	602.0 1518.0 43.0	D	H	A		1.9A.1	0432	03
FCV-25-12 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M	AB27	597.0 1519.0 47.0	D	H	B	RPS ESF	3.112	0433	03
FCV-25-13		LATER	LIMITORQUE	BY FIELD	AB27	586.0 1531.0 43.0	D	H	A		MRL	0434	03
FCV-25-13 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M	AB27	570.0 1523.0 43.0	D	H	B	RPS ESF	3.112	0435	03

TAGS INCLUDED: FCV-23-5 ----FCV-25-13 PB
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-CONTROL RM AC

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
FCV-25-14 (.FAI)		AIR INTAKE CLOSE(CIAS)	LIMITORQUE	BY FIELD	AB28	511.0 1419.0 65.0	E	M	D	ESF	MRL 10	0436	01
FCV-25-15 (.FAI)		AIR INTAKE CLOSE(CIAS)	LIMITORQUE	BY FIELD	AB28	498.0 1419.0 65.0	E	M	D	ESF	MRL 10	0437	01
FCV-25-16 (.FAI)	FLOW CONTROL VALVE	AIR INTAKE CLOSE(CIAS)	LIMITORQUE	BY FIELD	AB28	511.0 1420.0 65.0	E	M	D	ESF	MRL 10	0438	01
FCV-25-17 (.FAI)	FLOW CONTROL VALVE	AIR INTAKE CLOSE(CIAS)	LIMITORQUE	BY FIELD	AB28	498.0 1421.0 65.0	E	M	D	ESF	MRL 10	0439	01
FCV-25-18	FLOW CONTROL VALVE	TOILET EXHST CLOSE(CIAS)	LIMITORQUE	BY FIELD	AB28	533.0 1389.0 62.0	E	M	D	ESF	MRL 10	0440	01
FCV-25-19	FLOW CONTROL VALVE	TOILET EXHST CLOSE(CIAS)	LIMITORQUE	BY FIELD	AB28	533.0 1391.0 62.0	E	M	D	ESF	MRL 10	0441	01
FCV-25-2	CONTROL VALVE	CONT ISOL CLOSE(CIAS)	ASCO/NAMCO	S:NP8321A2E LS:EA-7	RB19	626.0 1540.0 33.0	A	H	A		3.9-10	0442	03
FCV-25-20	CONTROL VALVE	CONT ISOL CLOSE(CIAS)	ASCO/NAMCO	BY FIELD LS:EA-7	RB16	618.0 1512.0 47.0	A	H	A		3.9-10	0443	03
FCV-25-20CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	3/4/C#16	RB16	618.0 1512.0 47.0	A	H	A	ESF AUXSUP PAM	MRL<	2043	03
FCV-25-21	CONTROL VALVE	CONT ISOL CLOSE(CIAS)	ASCO/NAMCO	BY FIELD LS:EA-7	AB27	609.0 1518.0 45.0	D	H	A		3.9-10	0444	03
FCV-25-24	FLOW CONTROL VALVE	KITCHEN EXHST CLOSE(CIAS)		BY FIELD	AB28	535.0 1390.0 62.0	E	M	D		3.9-10	0445	01
FCV-25-25	FLOW CONTROL VALVE	KITCHEN EXHST CLOSE(CIAS)		BY FIELD	AB28	535.0 1394.0 62.0	E	M	D	ESF	3.9-10	0446	01

TAGS INCLUDED: FCV-25-14 (.FAI----FCV-25-25
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-CONTAINMENT PURGE

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FCV-25-26	CONTROL VALVE	CONT ISOL CLOSE(CIAS)	ASCO/NAMCO	BY FIELD LS:EA-7	AB27	609.0 1516.0 45.0	D	H	A	ESF	3.9-10	0447	03
FCV-25-29		H2 CONT PURGE OPEN(RM)	LIMITORQUE	BY FIELD	AB27	611.0 1521.0 47.0	D	H	A	SD	MRL 10	0448	03
FCV-25-29 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M	AB27	598.0 1539.0 47.0	D	H	B	RPS ESF	3.112	0449	03
FCV-25-3	CONTROL VALVE	CONT ISOL CLOSE(CIAS)	ASCO/NAMCO	S:HTX-8331A 45E LS:EA-7	RB15	631.0 1540.0 33.0	A	H	A	ESF	3.9-10	0450	03
FCV-25-3CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	3/4/C#16 N-11006	RB15	631.0 1540.0 33.0	A	H	A	ESF AUXSUP PAM	MRL<	2041	03
FCV-25-30		SFP EXHAUST CLOSE(CIAS)	LIMITORQUE	BY FIELD	AB27	609.0 1532.0 47.0	D	H	A	ESF	MRL 10	0451	03
FCV-25-30 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	BY BILL OF MATLBY FIEL	AB27	599.0 1539.0 47.0	D	H	B	RPS ESF	3.112	0452	03
FCV-25-31		SFP EXHAUST CLOSE(CIAS)	LIMITORQUE	BY FIELD	AB27	604.0 1515.0 47.0	D	H	A	ESF	MRL 10	0453	03
FCV-25-31 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M	AB27	597.0 1519.0 47.0	D	H	B	RPS ESF	3.112	0454	03
FCV-25-32		SBVS INLET OPEN(CIAS)	LIMITORQUE	BY FIELD	AB27	612.0 1527.0 47.0	D	H	A	ESF	MRL 10	0455	03
FCV-25-32 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M	AB27	600.0 1540.0 47.0	D	H	B	RPS ESF	3.112	0456	03
FCV-25-33		SBVS INLET OPEN(CIAS)	LIMITORQUE	BY FIELD	AB27	608.0 1511.0 47.0	D	H	A	ESF	MRL 10	0457	03

TAGS INCLUDED: FCV-25-26 ----FCV-25-33
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-HEATING & VENTILATING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FCV-25-33 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M	AB27	597.0 1519.0 47.0	D	H	B	RPS ESF	3.112	0458	03
FCV-25-34		H2 CONT PURGE OPEN(RM)	LIMITORQUE	BY FIELD	AB27	612.0 1523.0 47.0	D	H	A	SD	MRL 10	0459	03
FCV-25-34 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M	AB27	597.0 1519.0 47.0	D	H	B	RPS ESF	3.112	0460	03
FCV-25-4	CONTROL VALVE	CONT ISOL CLOSE(CIAS)	ASCO/NAMCO	BY FIELD LS:EA-7	RB16	618.0 1499.0 45.0	A	H	A	ESF	3.9-10	0461	03
FCV-25-4CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	3/4/C#16	RB16	618.0 1499.0 45.0	A	H	A	ESF AUXSUP PAM	MRL<	2042	03
FCV-25-5	CONTROL VALVE	CONT ISOL CLOSE(CIAS)	ASCO/NAMCO	BY FIELD LS:EA-7	RB19	615.0 1496.0 54.0	A	H	A	ESF	3.9-10	0462	03
FCV-25-6	CONTROL VALVE	CONT ISOL CLOSE(CIAS)	ASCO/NAMCO	BY FIELD LS:EA-7	AB27	609.0 1493.0 43.0	D	H	A	ESF	3.9-10	0463	03
FCV-25-7	CONTROL VALVE	CONT VACM RLF CLOSE/OPEN	ASCO/NAMCO	BY FIELD LS:EA-7	RB19	742.0 1455.0 72.0	A	H	A	ESF	3.9-10	0464	03
FCV-25-8	CONTROL VALVE	CONT VACM RLF CLOSE/OPEN	ASCO/NAMCO	BY FIELD LS:EA-7	RB19	734.0 1444.0 72.0	A	H	A	ESF	3.9-10	0465	03
FCV-26-02	CONTROL VALVE	LATER	ASCO/NAMCO	BY FIELD					A		3.9-10	0050	03
FCV-26-04	CONTROL VALVE	LATER	ASCO/NAMCO	BY FIELD					A		3.9-10	0049	03
FCV-26-1	CONTROL VALVE	RAD MONIT ISOL CLOSES(CIAS)	ASCO/NAMCO	S:NP8344A75 E LS:EA18	RB15	627.0 1534.0 18.0	A	H	A	ESF	3.9-10	0466	03

TAGS INCLUDED: FCV-25-33 PB ----FCV-26-1
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 53-CABLE & RACEWAY

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FCV-26-1CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB15	635.0 1505.0 27.0	A	H	A	ESF AUXSUP PAM	MRL<	2036	03
FCV-26-1CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	BY FIELD	RB15	635.0 1505.0 27.0	A	H	A	 AUXSUP	MRL<	2035	03
FCV-26-2	CONTROL VALVE	RAD MONIT ISOL CLOSES(CIAS)	ASCO/NAMCO	LS:EA180	AB25	619.0 1538.0 20.0	D	H	A		MRL	0467	03
FCV-26-3	CONTROL VALVE	ISOLATION	ASCO/NAMCO (REF. 3)	LS:EA180 (REF 3)	RB15	626.0 1533.0 18.0	A	H	A		3.9-10	0045	03
FCV-26-3CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB15	635.0 1505.0 27.0	A	H	A	ESF AUXSUP PAM	MRL<	2037	03
FCV-26-4	CONTROL VALVE	RAD MONIT ISOL CLOSES(CIAS)	ASCO/NAMCO	LS:EA180	AB25	620.0 1539.0 20.0	D	H	A		MRL	0469	03
FCV-26-5	CONTROL VALVE	RAD MONIT ISOL CLOSES(CIAS)	ASCO/NAMCO	LS:EA180 (REF 2,	RB15	628.0 1535.0 18.0	A	H	A		MRL	0470	03
FCV-26-5	CONTROL VALVE	LATER	ASCO/NAMCO	BY FIELD					A		3.9-10	0046	03
FCV-26-5CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16	RB15	635.0 1505.0 27.0	A	H	A	ESF AUXSUP PAM	MRL<	2038	03
FCV-26-6	CONTROL VALVE	RAD MONIT ISOL CLOSES(CIAS)	ASCO/NAMCO	BY FIELD	AB25	618.0 1537.0 20.0	D	H	A	ESF	3.9-10	0471	03
FCV-26-6	CONTROL VALVE	LATER	ASCO/NAMCO	BY FIELD					A		3.9-10	0051	03
FCV-3301	MOTOR OPERATED VALVE	LPSI DISCHARGE MOD SDC FLOW	LIMITORQUE CORPORA	SMB-000-2HI BC/ 293491	AB24	555.0 1465.0 5.0	D	H	A	 ESF	3.9-10	0472	03

TAGS INCLUDED: FCV-26-1CM ----FCV-3301
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
FCV-3301 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C9-4B L	AB24	553.0 1463.0 5.0	D	H	B	RPS ESF	3.112	0473	03
FCV-3306	MOTOR OPERATED VALVE	LPSI DISCHARGE MOD SDC FLOW	LIMITORQUE CORPORA	SMB-000-2HI BC/ 293490	AB24	575.0 1479.0 5.0	D	H	A	SD	3.9-10	0474	03
FCV-3306 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C9-4B	AB24	572.0 1471.0 5.0	D	H	B	RPS ESF	3.112	0475	03
FF-07-1A1(206)	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	50ES3000		CONTROL ROOM	C	M	D		MRL	0476	01
FF-07-1A2(206)	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	BY FIELD	AB 26	CONTROL ROOM	C	M	D		MRL	0477	01
FF-07-1B1(206)	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	50ES3000		CONTROL ROOM	C	M	D		MRL	0478	01
FF-07-2-2(206)	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	BY FIELD	AB26	CONTROL ROOM	C	M	D		MRL	0479	01
FF-07-2I(206)	FLOW SUMMER IZER	LATER		BY FIELD	AB26	CONTROL ROOM	C	M	D		MRL	0480	01
FF-09-2A1(202)	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	50ES3212	AB26	563.0 1427.0 62.0	E	M	D		MRL	0481	01
FF-09-2A2(202)	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	50ES-3000	AB26	563.0 1427.0 62.0	E	M	D		MRL	0482	01
FF-09-2B1(202)	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	50ES3000	AB26	563.0 1427.0 62.0	E	M	D		MRL	0483	01
FF-09-2C1(202)	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	50ES3212	AB26	563.0 1427.0 62.0	E	M	D		MRL	0484	01

TAGS INCLUDED: FCV-3301 SS ----FF-09-2C1(202)
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 09-AUXILIARY FEEDWATER

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FF-09-2C2(202)	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	50ES-3000	AB26	563.0 1427.0 62.0	E	M	D		MRL	0485	01
FF-1158	FLOW SUMMER IZER	LATER		BY FIELD	AB26	CONTROL ROOM	C	M	D		MRL	0486	01
FF-1168	FLOW SUMMER IZER	LATER		BY FIELD	AB26	CONTROL ROOM	C	M	D		MRL	0487	01
FF-1188	FLOW SUMMER IZER	LATER		BY FIELD	AB26	CONTROL ROOM	C	M	D		MRL	0488	01
FF-14-1A(206,5)	FLOW SUMMER IZER	LATER	SIGMA	50ES3000		********* ********* ******			D		MRL	0489	01
FF-14-1B(206,V)	FLOW SUMMER IZER	LATER	SIGMA	50ES3000		********* ********* ******			D		MRL	0490	01
FF-14-10A(206,V)	FLOW SUMMER IZER	LATER	SIGMA	50ES3000		********* ********* ******			D		MRL	0491	01
FF-14-10B(206)	FLOW SUMMER IZER	LATER	SIGMA	50ES3000		********* ********* ******			D		MRL	0492	01
FF-14-15A(,V)	FLOW SUMMER IZER	LATER		BY FIELD	AB26	CONTROL ROOM	C	M	D		MRL	0493	01
FF-14-15B(,V)	FLOW SUMMER IZER	LATER	SIGMA	50ES3000		********* ********* ******			D		MRL	0494	01
FF-14-15C(,V)	FLOW SUMMER IZER	LATER		BY FIELD	AB26	CONTROL ROOM	C	M	D		MRL	0495	01
FF-14-15D(,V)	FLOW SUMMER IZER	LATER	SIGMA	50ES3000		********* ********* ******			D		MRL	0496	01

TAGS INCLUDED: FF-09-2C2(202) ----FF-14-15D(,V)
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 14-COMPONENT COOLING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FF-14-2(206)	FLOW SUMMER IZER	LATER	SIGMA	50ES3000		********* ********* ******		D		MRL	0497	01
FF-14-6(.5)	FLOW SUMMER IZER	LATER	SIGMA	50ES3000		********* ********* ******		D		MRL	0498	01
FF-25-18A	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	50ES3202		********* ********* ******		D		MRL	0499	01
FF-25-18B	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	50ES3202		********* ********* ******		D		MRL	0500	01
FF-25-19A1	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	50ES3202		********* ********* ******		D		MRL	0501	01
FF-25-19B1	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	50ES3202		********* ********* ******		D		MRL	0502	01
FF-25-19B2	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	50ES3202		********* ********* ******		D		MRL	0503	01
FF-25-20A1	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	50ES3202		********* ********* ******		D		MRL	0504	01
FF-25-20A2	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	BY FIELD	AB 26	CONTROL * ROOM *	C M	D		MRL	0505	01
FF-25-20B1	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	BY FIELD	AB26	CONTROL * ROOM *	C M	D		MRL	0506	01
FF-25-20B2	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	BY FIELD	AB26	CONTROL * ROOM *	C M	D		MRL	0507	01
FF-25-21A1	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	BY FIELD	AB26	CONTROL * ROOM *	C M	D		MRL	0508	01

TAGS INCLUDED: FF-14-2(206) ----FF-25-21A1
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-ECCS VENTILATING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FF-25-21B1	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	BY FIELD		********* ********* ******	C	M	D		MRL	0509	01
FF-25-21B2	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	BY FIELD		********* ********* ******	C	M	D		MRL	0510	01
FI-07-1A(206)	FLOW INDICA TING CONTR	CONTAINMENT SP RAY HDR A FLOW	SIGMA	9262X	AB26	581.0 1403.0 62.0	E	M	D	ESF	7.5-1	0511	01
FI-07-1B(206)	FLOW INDICA TING CONTR	C.S. HDR. B WT R	SIGMA	9262X	AB26	581.0 1403.0 62.0	E	M	D	ESF	7.5-1	0512	01
FI-07-2(206)	FLOW INDICA TING CONTR	HYDRAZINE SPRA Y FLOW	SIGMA	9262X	AB26	581.0 * 1403.0 * 62.0	E	M	D	ESF PAM	7.5-1	0513	01
FI-09-2A(202)	FLOW INDICA TING CONTR	AUX FEEDWATER HDR A FLOW-PRE SSURE	SIGMA	9264-00-ED	AB26	563.0 1427.0 62.0	E	M	D	SD PAM	7.5-1	0514	01
FI-09-2B(202)	FLOW INDICA TING CONTR	AUX FEEDWATER HDR B FLOW-PRE SSURE	SIGMA	9264-00-ED	AB26	563.0 1427.0 62.0	E	M	D	SD PAM	7.5-1	0515	01
FI-09-2C(202)	FLOW INDICA TING CONTR	AUX FEEDWATER HDR C FLOW-PRE SSURE	SIGMA	9264-00-ED	AB26	563.0 1427.0 62.0	E	M	D	SD PAM	7.5-1	0516	01
FI-09-4A		LATER	I-T-E IMPER IAL	BY FIELD					D		MRL	0517	01
FI-09-4B		LATER	I-T-E IMPER IAL	BY FIELD					D		MRL	0518	01
FI-09-4C	FLOW INDICA TING CONTR	LATER	ITT BARTON	BY FIELD					D		MRL	0519	01
FI-09-4D	FLOW INDICA TING CONTR	LATER	ITT BARTON	BY FIELD					D		MRL	0520	01

TAGS INCLUDED: FF-25-21B1 ----FI-09-4D
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 13-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FI-13-1	FLOW INDICATING CONTR	LATER	BROOKS INSTRUMENT	BY FIELD					D		MRL	0521	01
FI-13-2	FLOW INDICATING CONTR	LATER	BROOKS INSTRUMENT	BY FIELD					D		MRL	0522	01
FI-13-3	FLOW INDICATING CONTR	LATER	BROOKS INSTRUMENT	BY FIELD					D		MRL	0523	01
FI-13-4	FLOW INDICATING CONTR	LATER	BROOKS INSTRUMENT	BY FIELD					D		MRL	0524	01
FI-13-5	FLOW INDICATING CONTR	LATER	BROOKS INSTRUMENT	BY FIELD					D		MRL	0525	01
FI-13-7	FLOW INDICATING CONTR	LATER	BROOKS INSTRUMENT	BY FIELD					D		MRL	0526	01
FI-14-3A	FLOW INDICATING CONTR	LATER	BROOKS INSTRUMENT	BY FIELD		********* ********* ******			D		MRL	0527	01
FI-14-3B	BYPASS ROTIMETER	LATER		BY FIELD	AB26	CONTROL ROOM *	C	M	D		MRL	0528	01
FI-14-4	FLOW INDICATING CONTR	LATER	BROOKS INSTRUMENT	BY FIELD		********* ********* ******			D		MRL	0529	01
FI-21-8A	FLOW TRANSMITTER	LATER	ITT BARTON	BY FIELD					D		MRL	0530	02
FI-21-8B	FLOW TRANSMITTER	LATER	ITT BARTON	BY FIELD					D		MRL	0531	02
FI-25-18A	FLOW INDICATING CONTR	CONTROL ROOM(NORTH)INTAKE	SIGMA	9262X	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	0532	01

TAGS INCLUDED: FI-13-1 ----FI-25-18A
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-CONTROL RM AC

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
FI-25-18B	FLOW INDICATING CONTR	CONTROL ROOM(SOUTH) INTAKE	SIGMA	9262X	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	0533	01
FI-25-19A1	FLOW INDICATING CONTR	CONTROL ROOM EMERG FILTER FAN DISCH.	SIGMA	9262X	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP PAM	7.5-1	0534	01
FI-25-19B1	FLOW INDICATING CONTR	CONTROL ROOM EMERG FILTER FAN DISCH.	SIGMA	9262X	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP PAM	7.5-1	0535	01
FI-25-21A1	FLOW INDICATING CONTR	ECCS AREA EXHAUST	SIGMA	9262X	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP PAM	7.5-1	0536	01
FI-25-21B1	FLOW INDICATING CONTR	ECCS AREA EXHAUST	SIGMA	9262X	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP PAM	7.5-1	0537	01
FI-3301	FLOW RATE INDICATOR	LATER	SIGMA	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D		MRL	0538	01
FI-3301-1	FLOW RATE INDICATOR	SHUTDOWN COOLING	SIGMA	BY FIELD	AB27	519.0 1391.0 43.0	E	M	D	SD	7.5-1	0539	02
FI-3306	FLOW RATE INDICATOR	LATER	SIGMA	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D		MRL	0540	02
FI-3306-1	FLOW RATE INDICATOR	SHUTDOWN COOLING	SIGMA	BY FIELD	AB27	519.0 1391.0 43.0	E	M	D	SD	7.5-1	0541	02
FI-3311	FLOW RATE INDICATOR	HPSI LOOP 2A2 FLOW	SIGMA	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	RPS ESF	7.5-1	0542	01
FI-3312	FLOW RATE INDICATOR	LPSI LOOP 2A2 FLOW	SIGMA	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	ESF SD PAM	7.5-1	0543	01
FI-3315	FLOW RATE INDICATOR	HPSI TO HOT LOOP 2A FLOW	SIGMA	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	ESF PAM	7.5-1	0544	01

TAGS INCLUDED: FI-25-18B ----FI-3315
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FI-3321	FLOW RATE INDICATOR	HPSI LOOP 2A1 FLOW	SIGMA	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	RPS ESF	7.5-1	0545	01
FI-3322	FLOW RATE INDICATOR	LPSI LOOP 2A FLOW	SIGMA	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	ESF SD PAM	7.5-1	0546	01
FI-3325	BYPASS ROTIMETER	HPSI TO HOT LOOP 2B FLOW		BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	ESF PAM	7.5-1	0547	01
FI-3331	BYPASS ROTIMETER	HPSI LOOP 2B1 FLOW		BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	ESF PAM	7.5-1	0548	01
FI-3332	BYPASS ROTIMETER	LPSI LOOP 2B1 FLOW		BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	ESF SD PAM	7.5-1	0549	01
FI-3341	BYPASS ROTIMETER	HPSI LOOP 2B2 FLOW		BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	ESF PAM	7.5-1	0550	01
FI-3342	BYPASS ROTIMETER	LPSI LOOP 2B2 FLOW		BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	ESF SD PAM	7.5-1	0551	01
FIA-2212	FLOW INDICATG ALARM	CHARGING FLOW TO REGEN HX		BY FIELD	AB26	581.0 1413.0 62.0	E	M	D	SD	7.5-1	0552	01
FIC-25-19A1	FLOW INDICATING CONTR	CONTROL ROOM AIR FILTRATION-FLOW TRAINA	FISCHER & PORTER	53-EG-3311	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	0553	01
FIC-25-19B1	FLOW INDICATING CONTR	CONTROL ROOM AIR FILTRATION-FLOW TRAINB	FISCHER & PORTER	53-EG-3311	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	0554	01
FIC-25-20A1	FLOW INDICATING CONTR	SHIELD BLDG VENT-FLOW TRAIN A	FISCHER & PORTER	53-EG-3311	AB26	547.0 1408.0 62.0	E	M	D	ESF	7.5-1	0555	01
FIC-25-20B1	FLOW INDICATING CONTR	SHIELD BLDG VENT-FLOW TRAIN B	FISCHER & PORTER	53-EG-3311	AB26	547.0 1408.0 62.0	E	M	D	ESF	7.5-1	0556	01

TAGS INCLUDED: FI-3321 ----FIC-25-20B1
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-ECCS VENTILATING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FIC-25-21A1	FLOW INDICATING CONTR	ECCS AREA EXHAUST-FLOW TRAIN A	FISCHER & PORTER	53-EG-3311	AB26	547.0 1408.0 62.0	E	M	D	ESF	7.5-1	0557	01
FIC-25-21B1	FLOW INDICATING CONTR	ECCS AREA EXHAUST-FLOW TRAIN B	FISCHER & PORTER	53-EG-3311	AB26	547.0 1408.0 62.0	E	M	D	ESF	7.5-1	0558	01
FIC-3301	FLOW INDICATING CONTR	SDC SYSTEM FLOW	FOXBORO INSTRUMENT COM	270AM-P2A					D	PAM	CE-ML	0559	02
FIC-3306	FLOW INDICATING CONTR	SDC SYSTEM FLOW	FOXBORO INSTRUMENT COM	270AM-P2A					D	PAM	CE-ML	0560	02
FIS-14-1A(206,A.H.L)	FLOW INDICATG SWITCH	CCW HDR 2A FLOW		9262	AB26	581.0 1403.0 62.0	E	M	D	AUXSUP	7.5-1	0561	01
FIS-25-20A1	FLOW INDICATG SWITCH	SHIELD BLDG EXHAUSTFLOW A		BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	ESF PAM	7.5-1	0562	01
FIS-25-20B1	FLOW INDICATG SWITCH	SHIELD BLDG EXHAUSTFLOW B		BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	ESF PAM	7.5-1	0563	01
FM-1606	DG 2A FREQUENCY	DIESEL-GEN 2A FREQUENCY		BY FIELD	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	0564	02
FM-1616	DG 2B FREQUENCY	DIESEL-GEN 2B FREQUENCY		BY FIELD	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	0565	02
FP P 2A		LATER		BY FIELD	FH2O	659.0 1598.0 20.0	F	M	D		3.112	0566	01
FP P 2A SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	FH2O	659.0 1604.0 24.0	F	M	D	SD	3.112	0567	01
FP P 2B		LATER		BY FIELD	FH2O	651.0 1598.0 20.0	F	M	D		3.112	0568	01

TAGS INCLUDED: FIC-25-21A1 ----FP P 2B
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 02-CHEMICAL&VOL CONTROL

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FP P 2B SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	FH2O	654.0 1604.0 24.0	F	M	D	SD	3.112	0569	01
FR-07-1A(206)	FLOW RECORDING	CONTAINMENT SPRAY FLOW	WESTINGHOUSE	75RE	AB26	581.0 1403.0 62.0	E	M	D	ESF PAM	7.5-1	0570	01
FR-07-1B(206)	FLOW RECORDING	CONTAINMENT SPRAY FLOW	WESTINGHOUSE	755RE	AB26	581.0 1403.0 62.0	E	M	D	ESF PAM	7.5-1	0571	01
FR-09-2A(SP)	FLOW RECORDING	AUX FEEDWATER HDR A FLOW		BY FIELD	AB26	563.0 1427.0 62.0	E	M	D		7.5-1	0573	01
FR-09-2A(202)	FLOW RECORDING	AUX FEEDWATER HDR A FLOW	WESTINGHSE	75RE	AB26	563.0 * 1427.0 * 62.0	E	M	D	SD PAM	7.5-1	0572	01
FR-25-1A	FLOW RECORDING	CONT ROOM EMERG FILTRATION SYSTEM TRAIN B	WESTRONICS	BY FIELD					D	PAM	7.5-1	0577	01
FR-25-1A	FLOW RECORDING	CONT ROOM EMERG FILTRATION SYSTEM TRAIN B	WESTRONICS	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	PAM	7.5-1	0576	01
FR-25-1B	FLOW RECORDING	CONTROL ROOM A/C EMERG FILTER SYSTEM TRAIN	WESTRONICS	BY FIELD					D	PAM	7.5-1	0579	01
FR-25-1B	FLOW RECORDING	CONTROL ROOM A/C EMERG FILTER SYSTEM TRAIN	WESTRONICS	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	PAM	7.5-1	0578	01
FR-3301	FLOW RECORDING	LATER	FOXBORO INSTRUMENT COM	M/226-01,02					D		CE-ML	0580	01
FR-3301	FLOW RECORDING	SHUTDOWN COOLING LOOP 2B FLOW	FOXBORO	M/226-01,02					D	SD PAM	7.5-1	0588	01
FR-3306	FLOW RECORDING	SDC SYSTEM FLOW	FOXBORO INSTRUMENT COM	M/226-01,02					D		CE-ML	0581	01

TAGS INCLUDED: FP P 2B SS ----FR-3306
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FR-3313	FLOW RECORDING	HPSI LOOP 2A2/ 2A1 FLOW	FOXBORO INSTRUMENT COM	M/226-01,02	AB26	581.0 1403.0 62.0	E	M	D	PAM	7.5-1	0582	01
FR-3317	FLOW RECORDING	HPSI TO HOT LOP 2A FLOW	FOXBORO INSTRUMENT COM	M/226-01,02	AB26	581.0 1403.0 62.0	E	M	D	PAM	7.5-1	0583	01
FR-3323	FLOW RECORDING	HPSI LOOP 2A2/ 2A1 FLOW	FOXBORO INSTRUMENT COM	M/226-01,02	AB26	581.0 1403.0 62.0	E	M	D	PAM	7.5-1	0584	01
FR-3327	FLOW RECORDING	HPSI TO HOT LOP 2B	FOXBORO INSTRUMENT COM	M/226-01,02	AB26	581.0 1403.0 62.0	E	M	D	ESF PAM	7.5-1	0585	01
FR-3333	FLOW RECORDING	HPSI LOOP 2B1/ 2B2 FLOW	FOXBORO INSTRUMENT COM	M/226-01,02	AB26	581.0 1403.0 62.0	E	M	D	ESF PAM	7.5-1	0586	01
FR-3343	FLOW RECORDING	HPSI LOOP 2B1/ 2B2 FLOW	FOXBORO INSTRUMENT COM	M/226-01,02	AB26	581.0 1403.0 62.0	E	M	D	ESF PAM	7.5-1	0587	01
FS-25-10B	FLOW SWITCH	ANNUCIATE FLOW FAILURE FAN 2A VA-3B	HENRY G DIETZ CO	171-08WC-S	AB28	562.0 1448.0 63.0	E	M	D		7.5-	0590	01
FS-25-10C	FLOW SWITCH	ANNUCIATE FLOW FAILURE FAN 2C HVA-3C	HENRY G DIETZ	171-08-WC-S	AB28	547.0 1448.0 63.0	E	M	D		7.5-	0591	01
FS-25-11A	FLOW SWITCH	ANNUCIATE FLOW FAILURE FAN 2H VS-4A	HENRY G DIETZ CO	171-08WC-S	AB27	580.0 1548.0 43.0	D	H	C		7.5-	0592	02
FS-25-11B	FLOW SWITCH	ANNUCIATE FLOW FAILURE FAN 2B HVS-4A	HENRY G DIETZ CO	171-08WC-S	AB27	570.0 1548.0 43.0	D	H	C		7.5-	0593	02
FS-25-12A	FLOW SWITCH	ANNUCIATE FLOW FAILURE FAN 2A HVE-9A	HENRY G DIETZ CO	171-08WC-S	AB27	546.0 1533.0 43.0	D	H	C		7.5-	0594	02
FS-25-12B	FLOW SWITCH	ANNUCIATE FLOW FAILURE FAN 2H VE-9B	HENRY G DIETZ	171-D8WC-S	AB27	577.0 1570.0 43.0	E	M	D		7.5-	0595	01

TAGS INCLUDED: FR-3313 ----FS-25-12B
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-CONTROL RM AC

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FS-25-16A	FLOW SWITCH	CLEANUP SYS,STARTS FAN 2HVE-13B LCATD AT	HENRY G DIE TZ CO	171-O8WC-S	AB28	499.0 1434.0 65.0	E	M	D		7.5-	0596	01
FS-25-16B	FLOW SWITCH	CLEANUP SYS,STARTS FAN 2HVE-13A LCTD AT DI	HENRY G DIE TZ	171-D8WC-S	AB28	509.0 1434.0 65.0	E	M	D		7.5-	0597	01
FS-25-2A	FLOW SWITCH	ANNUNCIATE FLOW FAILURE OF FAN 2HVS-1A	HENRY G DIE TZ	171-D8WC-S	RB16	729.0 1552.0 45.0	A	H	C		7.5-	0598	02
FS-25-2B	FLOW SWITCH	ANNUNCIATE FLOW FAILURE OF FAN 2HVS-1B	HENRY G DIE TZ	171-D8WC-S	RB16	640.0 1541.0 45.0	A	H	C		7.5-	0599	02
FS-25-2C	FLOW SWITCH	ANNUNCIATE FLOW FAILURE OF FAN 2HVS-1C	HENRY G DIE TZ	171-D8WC-S	RB17	630.0 1472.0 62.0	A	H	C		7.5-	0600	02
FS-25-2D	FLOW SWITCH	ANNUCIATE FLOW FAILURE OF FAN 2HVS-1D	HENRY G DIE TZ	171-D8WC-S	RB16	714.0 1443.0 45.0	A	H	C		7.5-	0601	02
FS-25-20A2	FLOW SWITCH	STARTS FAN 2HV E-6B	HENRY G DIE TZ	171-D8WC-S		********* ********* ******			D		7.5-	0602	01
FS-25-20B2	FLOW SWITCH	STARTS FAN 2HV E-6A	HENRY G DIE TZ	171-D8WC-S		********* ********* ******			D		7.5-	0603	01
FS-25-22A	FLOW SWITCH	ANNUNCIATE FLOW FAILURE OF FAN 2HVS-5A	HENRY G DIE TZ	171 D8WC-S	AB28	522.0 1448.0 62.0	E	M	D		7.5-	0604	01
FS-25-22B	FLOW SWITCH	ANNUNCIATE FLOW FAILURE OF FAN 2HVS-B	HENRY G DIE TZ	171-D8WC-S	AB28	508.0 1460.0 65.0	E	M	D		7.5-	0605	01
FS-25-23A	FLOW SWITCH	ANNUNCIATE FLOW FAILURE OF FAN 2HVE-11	HENRY G DIE TZ	171-D8WC-S	AB28	517.0 1390.0 65.0	E	M	D		7.5-	0606	01
FS-25-23B	FLOW SWITCH	ANNUNCIATE FLOW FAILURE OF FAN 2HVE-12	HENRY G DIE TZ	171-D8WC-S	AB28	498.0 1389.0 65.0	E	M	D		7.5-	0607	01

TAGS INCLUDED: FS-25-16A ----FS-25-23B
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-REACTOR SUP. COOLING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FS-25-5A	FLOW SWITCH	ANNUNCIATE FLOW FAILURE OF FAN 2HVE-3B	HENRY G DIETZ	171-D8WC-S	RB15	735.0 1465.0 24.0	A	H	C		7.5-	0609	02
FS-25-5B	FLOW SWITCH	ANNUNCIATE FLOW FAILURE OF FAN 2HVE-3B	HENRY G DIETZ	171-D8WC-S	RB15	739.0 1463.0 24.0	A	H	C		7.5-	0610	02
FS-25-6A (.*)	FLOW SWITCH	STARTS FAN 2HVE-21B LCTD AT DISCH OF 2HVE-	HENRY G DIETZ	171-D8WC-S	RB17	659.0 1467.0 62.0	A	H	C		7.5-	0611	02
FS-25-6B (.*)	FLOW SWITCH	STARTS FAN 2HVE-21A LCTD AT DISCH OF 2HVE-	HENRY G DIETZ	171-D8WC-S	RB17	659.0 1462.0 62.0	A	H	C		7.5-	0612	02
FS-25-7A	FLOW SWITCH	ANNUNCIATE FLOW FAILURE OF FAN 2HVS-2A	HENRY G DIETZ	171-D8WC-S	RB16	686.0 1441.0 45.0	A	H	C		7.5-	0613	02
FS-25-7B	FLOW SWITCH	ANNUNCIATE FLOW OF FAN 2HVS-2B	HENRY G DIETZ	171-D8WC-S	RB16	686.0 1438.0 45.0	A	H	C		7.5-	0614	02
FS-25-9A	FLOW SWITCH	ANNUNCIATE FLOW OF FAN 2HVE-13A	HENRY G DIETZ	171-D8WC-S	AB28	495.0 1434.0 65.0	E	M	D		7.5-	0615	01
FS-25-9B	FLOW SWITCH	ANNUNCIATE FLOW FAILURE OF FAN 2HVE-13B	HENRY G DIETZ	171-D8WC-S	AB28	513.0 1434.0 65.0	E	M	D		7.5-	0616	01
FSE-27-10	FLOW SOLENOID	CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2	VALCOR ENGINEERING CO.	V52600-515/10	RB15	619.0 1487.0 20.0	A	H	A	ESF	3.9-10	0617	03
FSE-27-10CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16	RB15	619.0 1487.0 20.0	A	H	A	ESF AUXSUP PAM	MRL<	2046	03
FSE-27-11	FLOW SOLENOID	CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2	VALCOR ENGINEERING CO.	V52600-515/11	RB15	619.0 1488.0 20.0	A	H	A	ESF	3.9-10	0618	03
FSE-27-11CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16	RB15	619.0 1488.0 20.0	A	H	A	ESF AUXSUP PAM	MRL<	2047	03

TAGS INCLUDED: FS-25-5A ----FSE-27-11CM
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 27-HYDROGEN SAMPLING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FSE-27-12	FLOW SOLENO ID	CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2	VALCOR ENGINEERING CO.	V52600-515	RB15	630.0 1542.0 34.0	A	H	A	ESF	3.9-10	0619	03
FSE-27-12CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16	RB15	630.0 1542.0 34.0	A	H	A	ESF AUXSUP PAM	MRL<	2048	03
FSE-27-13	FLOW SOLENO ID	CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2	VALCOR ENGINEERING CO.	V52600-515/13	RB15	628.0 1538.0 34.0	A	H	A	ESF	3.9-10	0620	03
FSE-27-13CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16	RB15	628.0 1538.0 34.0	A	H	A	ESF AUXSUP PAM	MRL<	2049	03
FSE-27-14	FLOW SOLENO ID	CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2	VALCOR ENGINEERING CO.	V52600-515	RB15	629.0 1540.0 34.0	A	H	A	ESF	3.9-10	0621	03
FSE-27-14CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16	RB15	629.0 1540.0 34.0	A	H	A	ESF AUXSUP PAM	MRL<	2050	03
FSE-27-15	FLOW SOLENO ID	CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2	VALCOR ENGINEERING CO.	V52600-515/15	AB25	609.0 1491.0 20.0	D	H	A	ESF	3.9-10	0622	03
FSE-27-16	FLOW SOLENO ID	CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2	VALCOR ENGINEERING CO.	V52600-515/16	AB25	609.0 1493.0 20.0	D	H	A	ESF	3.9-10	0623	03
FSE-27-17	FLOW SOLENO ID	CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2	VALCOR ENGINEERING CO.	V52600-515/17	AB25	612.0 1515.0 26.0	D	H	A	ESF	3.9-10	0624	03
FSE-27-18	FLOW SOLENO ID	CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2	VALCOR ENGINEERING CO.	V52600-515/18	AB25	612.0 1515.0 26.0	D	H	A	ESF	3.9-10	0625	03
FSE-27-8	FLOW SOLENO ID	CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2	VALCOR ENGINEERING CO.	V52600-515/8	RB15	619.0 1485.0 20.0	A	H	A	ESF	3.9-10	0626	03
FSE-27-8CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16	RB15	619.0 1485.0 20.0	A	H	A	ESF AUXSUP PAM	MRL<	2044	03

TAGS INCLUDED: FSE-27-12 ----FSE-27-8CM
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 27-HYDROGEN SAMPLING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FSE-27-9	FLOW SOLENOID	CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2	VALCOR ENGINEERING CO.	V52600-515/9	RB15	619.0 1486.0 20.0	A	H	A	ESF	3.9-10	0627	03
FSE-27-9CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16	RB15	619.0 1486.0 20.0	A	H	A	ESF AUXSUP PAM	MRL<	2045	03
FT-07-1A1	PRESSURE TRANSMITTER	CONT. SPRAY FLOW FLUID-BORATED	ROSEMOUNT	1153DB5-SH2	AB24	550.0 1439.0 -1.0	E	M	D		7.3-	0628	01
FT-07-1A2	PRESSURE TRANSMITTER	CONT SPRAY FLOW	ROSEMOUNT	1153DB5-SH2	AB24	550.0 1417.0 -1.0	E	M	D		7.3-	0629	01
FT-07-1B1	PRESSURE TRANSMITTER	CONT SPRAY FLOW	ROSEMOUNT	1153DB5-SH2	AB24	550.0 1417.0 -1.0	E	M	D		7.3-	0630	01
FT-07-1B2	PRESSURE TRANSMITTER	LATER FLOW FOR SHDN	ROSEMOUNT	1153DB5-SH2	AB24	550.0 1439.0 -1.0	E	M	D		7.3-	0631	01
FT-07-2-1	PRESSURE TRANSMITTER	HYDRAZINE SPRAY FLOW	ROSEMOUNT	1153DB4	AB24	554.0 1389.0 6.0	E	M	D		7.3-	0632	01
FT-07-2-1	PRESSURE TRANSMITTER	HYDRAZINE SPRAY FLOW	ROSEMOUNT	1153DBF	AB24	554.0 1389.0 6.0	E	M	D		7.3-	0002	01
FT-07-2-2	PRESSURE TRANSMITTER	HYDRAZINE SPRAY FLOW	ROSEMOUNT	1153DB4	AB24	549.0 1389.0 6.0	E	M	D		7.3-	0633	01
FT-08-1B(. RUNB. CAL.)	PRESSURE TRANSMITTER	MAIN STM FLOW STM. GEN. 2B FLUID-STM	ROSEMOUNT	1153DB6	RB15	635.0 1475.0 18.0	A	H	C			0634	02
FT-09-2A1	FLOW TRANSMITTR	AUX FWP 2A DISCH. FLOW	ROSEMOUNT	1153DB5/ 328260	TB23	693.0 1416.0 23.0	K	H	A		7.3-2	0635	03
FT-09-2A2	FLOW TRANSMITTR	AUX FWP DISCH 2A FLUID CONDENSATE	ROSEMOUNT	1153DB5/ 370852	TB23	675.0 1416.0 23.0	K	H	A		7.3-2	0636	03

TAGS INCLUDED: FSE-27-9 ----FT-09-2A2

SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 09-AUXILIARY FEEDWATER

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FT-09-2B1	FLOW TRANSMITR.	AUX FWP 2B DISCH.FLOW	ROSEMOUNT	1153DB5/ 328259	TB23	675.0 1416.0 23.0	K	H	A		7.3-2	0637	03
FT-09-2B2	FLOW TRANSMITR.	AUX FWP 2B	ROSEMOUNT	1153DB5/ 370851	TB23	693.0 1416.0 23.0	K	H	A		7.3-2	0638	03
FT-09-2C1	FLOW TRANSMITR.	AUX FWP 2C DISCHARGE FLOW	ROSEMOUNT	1153DB5/ 328258	TB23	709.0 1418.0 23.0	K	H	A		7.3-2	0639	03
FT-09-2C2	FLOW TRANSMITR.	AUX FWP 2C DISCHARGE	ROSEMOUNT	1153DB5/ 370850	TB23	693.0 1416.0 23.0	K	H	A		7.3-2	0640	03
FT-1158	FLOW TRANSMI	COMPONENT COOLING FLOW	ITT BARTON	764 1527	RB15	740.0 1512.0 18.0	A	H	A	ESF	CE-ML	0641	03
FT-1168	FLOW TRANSMI	COMPONENT COOLING FLOW	ITT BARTON	764 1528	RB16	726.0 1464.0 45.0	A	H	A	ESF	CE-ML	0642	03
FT-1178	FLOW TRANSMI	COMPONENT COOLING FLOW	ITT BARTON	764 1529	RB16	619.0 1502.0 49.0	A	H	A	ESF	CE-ML	0643	03
FT-1188	FLOW TRANSMI	COMPONENT COOLING FLOW	ITT BARTON	764 1530	RB16	644.0 1469.0 45.0	A	H	A	ESF	CE-ML	0644	03
FT-14-1A	PRESSURE TRANSMITTER	COMP CLG WTR HDR A	ROSEMOUNT	1153DB5	CC02	701.0 1675.0 28.0	H	M	D		7.3-2	0645	01
FT-14-1B	PRESSURE TRANSMITTER	COMP CLG. WTR HDR. B	ROSEMOUNT	1153DB5	CC02	636.0 1682.0 28.0	H	M	D		7.3-2	0646	01
FT-14-10A	PRESSURE TRANSMITTER	CCW FROM SHUT DWN.HT.2A FLOW	ROSEMOUNT	1153DB5	AB24	550.0 1439.0 -1.0	E	M	D		7.3-2	0647	01
FT-14-10B	PRESSURE TRANSMITTER	CCW FROM SHUT DWN.HT.2B FLOW	ROSEMOUNT	1153DB5	AB24	550.0 1417.0 -1.0	E	M	D		7.3-2	0648	01

TAGS INCLUDED: FT-09-2B1 ----FT-14-10B
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 14-COMPONENT COOLING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FT-14-15A	PRESSURE TRANSMITTER	CCW TO RC PMPS	ROSEMOUNT	1153DB5	AB25	583.0 1492.0 24.0	E	M	D		7.3-2	0649	01
FT-14-15B	PRESSURE TRANSMITTER	CCW TO RC PMPS	ROSEMOUNT	1153DB5	AB25	584.0 1501.0 20.0	E	M	D		7.3-2	0650	01
FT-14-15C	PRESSURE TRANSMITTER	CCW TO RC PMPS	ROSEMOUNT	1153DB5	AB25	579.0 1498.0 24.0	E	M	D		7.3-2	0651	01
FT-14-15D	PRESSURE TRANSMITTER	CCW TO RC PMPS	ROSEMOUNT	1153DB5	AB25	584.0 1514.0 24.0	E	M	D		7.3-2	0652	01
FT-14-2	PRESSURE TRANSMITTER	CCW FROM FUEL POOL HT.X.	ROSEMOUNT	1153DB5	FH20	643.0 1606.0 24.0	F	M	D		7.3-2	0653	01
FT-14-6	PRESSURE TRANSMITTER	CCW FROM LET DWN HT-X	ROSEMOUNT	1153DB5-SH1	AB25	582.0 1533.0 20.0	E	M	D		7.3-2	0654	01
FT-2212	FLOW TRANSMI	FLOW FROM CHG PUMPS TO HTX	ROSEMOUNT	1153HB5/ 358354	AB24	578.0 1557.0 5.0	D	H	A	RPS ESF	7.3-2	0655	03
FT-25-18A	FLOW TRANSMITTER	CONTROL RM NORTH OUTSIDE AIR INTAKE	ITT BARTON	BY FIELD	AB28	515.0 1439.0 65.0	E	M	D		MRL	0656	01
FT-25-18B	FLOW TRANSMITTER	CONTROL RM SOUTH OUTSIDE AIR INTAKE	ITT BARTON	BY FIELD	RA29	458.0 1431.0 65.0			D		MRL	0657	01
FT-25-19A1	FLOW TRANSMITTER	CONTROL RM AIR FILTRATION SYSTEM	ITT BARTON	BY FIELD	AB28	501.0 1423.0 62.0	E	M	D		MRL	0658	01
FT-25-19A2	FLOW TRANSMITTER	CONTROL RM AIR FILTRATION SYSTEM	ITT BARTON	BY FIELD	AB28	507.0 1423.0 62.0	E	M	D		MRL	0659	01
FT-25-19B1	FLOW TRANSMITTER	CONTROL RM AIR FILTRATION SYSTEM	ITT BARTON	BY FIELD	AB28	507.0 1423.0 62.0	E	M	D		MRL	0660	01

TAGS INCLUDED: FT-14-15A ----FT-25-19B1
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-CONTROL RM AC

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FT-25-19B2	FLOW TRANSMITTER	CONTROL RM AIR FIGURATION SYSTEM	ITT BARTON	BY FIELD	AB28	501.0 1423.0 62.0	E	M	D			0661	01
FT-25-20A1	FLOW TRANSMITTER	SHIELD BLDG VENT SYSTEM 2HVE-6A	AIR MONITOR CORP	BY FIELD	AB27	582.0 1529.0 43.0	D	H	D		MRL	0662	02
FT-25-20A2	FLOW TRANSMITTER	SHIELD BLDG VENT SYSTEM 2HVE-6A	AIR MONITOR CORP	BY FIELD	AB27	582.0 1515.0 43.0	D	H	D		MRL	0663	02
FT-25-20B1	FLOW TRANSMITTER	SHIELD BLDG VENT SYSTEM 2HVE-6B	AIR MONITORING CORP	BY FIELD	AB27	582.0 1515.0 43.0	D	H	D		MRL	0664	02
FT-25-20B2	FLOW TRANSMITTER	SHIELD BLDG VENT SYSTEM 2HVE-6B	AIR MONITOR CORP	BY FIELD	AB27	582.0 1529.0 43.0	D	H	D		MRL	0665	02
FT-25-21A1	FLOW TRANSMITTER	ECCS AREA EXHAUST SYSTEM 2HVE-9A	AIR MONITOR CORP	BY FIELD	AB27	556.0 1522.0 43.0	D	H	D		MRL	0666	02
FT-25-21A2	FLOW TRANSMITTER	ECCS AREA EXHAUST SYSTM 2HVE-9A	AIR MONITOR CORP	BY FIELD	AB27	545.0 1521.0 45.0	D	H	D		MRL	0667	02
FT-25-21B1	FLOW TRANSMITTER	ECCS AREA EXHAUST SYSTM 2HVE-9B	ITT BARTON	BY FIELD	AB27	584.0 1578.0 43.0	E	M	D		MRL	0668	01
FT-25-21B2	FLOW TRANSMITTER	ECCS AREA EXHAUST SYSTEM 2HVE-9B	ITT BARTON	BY FIELD	AB27	580.0 1578.0 43.0	E	M	D		MRL	0669	01
FT-3301	PRESSURE TRANSMITTER	SDC FLOW CNTRL	ROSEMOUNT	1153DB5	AB24	542.0 1485.0 -1.0	E	M	D		7.3-2	0670	01
FT-3306	PRESSURE TRANSMITTER	SDC FLOW CNTRL	ROSEMOUNT	1153DB5	AB24	542.0 1466.0 -1.0	E	M	D		7.3-2	0671	01
FT-3311	PRESSURE TRANSMITTER	HPSI FLOW	ROSEMOUNT	1153HB5	AB24	542.0 1476.0 -1.0	E	M	D		7.3-2	0672	01

TAGS INCLUDED: FT-25-19B2 ----FT-3311
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FT-3312	PRESSURE TRANSMITTER	LPSI FLOW	ROSEMOUNT	1153DB6	AB24	542.0 1476.0 -1.0	E	M	D		7.3-2	0673	01
FT-3313	PRESSURE TRANSMITTER	HPSDI FLOW	ROSEMOUNT	1153HB5	AB24	542.0 1508.0 -1.0	E	M	D		7.3-2	0674	01
FT-3315	PRESSURE TRANSMITTER	SDC FLOW	ROSEMOUNT	1153HB5		********* ********* ******			D		7.3-2	0675	01
FT-3317	PRESSURE TRANSMITTER	SDC FLOW	ROSEMOUNT	1153HB5		********* ********* ******			D		7.3-2	0676	01
FT-3321	PRESSURE TRANSMITTER	HPSI FLOW	ROSEMOUNT	1153HB5	AB24	542.0 1476.0 -1.0	E	M	D		7.3-2	0677	01
FT-3322	FLOW TRANSMITTER	LPSI FLOW	ROSEMOUNT	1153DB6	AB24	542.0 1476.0 -1.0	E	M	D		7.3-2	0678	01
FT-3323	PRESSURE TRANSMITTER	HPSI FLOW	ROSEMOUNT	1153HB5	AB24	542.0 1508.0 -1.0	E	M	D		7.3-2	0679	01
FT-3325	PRESSURE TRANSMITTER	SDC FLOW	ROSEMOUNT	1153HB5	AB24	542.0 1534.0 -1.0	E	M	D		7.3-2	0680	01
FT-3327	PRESSURE TRANSMITTER	SDC FLOW	ROSEMOUNT	1153HB5		********* ********* ******			D		7.3-2	0681	01
FT-3331	PRESSURE TRANSMITTER	HPSI FLOW	ROSEMOUNT	1153HB5	AB24	542.0 1508.0 -1.0	E	M	D		7.3-2	0682	01
FT-3332	PRESSURE TRANSMITTER	LPSI FLOW	ROSEMOUNT	1153DB6	AB24	542.0 1485.0 -1.0	E	M	D		7.3-2	0683	01
FT-3333	PRESSURE TRANSMITTER	HPSI FLOW	ROSEMOUNT	1153HB5	AB24	542.0 1514.0 -1.0	E	M	D		7.3-2	0684	01

TAGS INCLUDED: FT-3312 ----FT-3333
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FT-3341	PRESSURE TRANSMITTER	HPSI FLOW	ROSEMOUNT	1153HB5	AB24	542.0 1508.0 -1.0	E	M	D		7.3-2	0685	01
FT-3342	PRESSURE TRANSMITTER	LPSI FLOW	ROSEMOUNT	1153DB6	AB24	542.0 1485.0 -1.0	E	M	D		7.3-2	0686	01
FT-3343	PRESSURE TRANSMITTER	HPSI FLOW	ROSEMOUNT	1153HB5	AB24	542.0 1514.0 -1.0	E	M	D		7.3-2	0687	01
FY-1158	FLOW CONVERTER	SIGNAL CONVERSION	FOXBORO INSTRUMENT COM	2AI-12V	AB26	THE CONTROL ROOM	C		D		CE-ML	0688	02
FY-1158-1	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-VAI-9					D		CE-ML	0689	02
FY-1158-2	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0690	02
FY-1168	FLOW CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	533 1426 62	E	M	D		CE-ML	0691	02
FY-1168-1	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-VAI-9					D		CE-ML	0692	02
FY-1168-2	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0693	02
FY-1178	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	0694	02
FY-1178-1	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-VAI-9					D		CE-ML	0695	02
FY-1178-2	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0696	02

TAGS INCLUDED: FT-3341 ----FY-1178-2
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FY-1188	FLOW CONVERTER	SIGNAL CONVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	595.0 1391.0 62.0	E	M	D		CE-ML	0697	02
FY-1188-1	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-VAI-9					D		CE-ML	0698	02
FY-1188-2	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0699	02
FY-2212	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V	AB26	581.0 1413.0 62.0	E	M	D		CE-ML	0700	01
FY-2212-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0701	02
FY-2212-2	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-VAI-9					D		CE-ML	0702	02
FY-3301	FLOW CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	533 * 1426 * 62	E	M	D		CE-ML	0703	01
FY-3301-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0704	02
FY-3301-2	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	0705	02
FY-3306	FLOW CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	581.0 1403.0 62.0	E	M	D		CE-ML	0707	01
FY-3306-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0708	02
FY-3306-2	FLOW CONVERTER	SIGNAL CONVERSION	FOXBORO INSTRUMENT COM	2AO-V21	AB26	595.0 1391.0 62.0	E	M	D		CE-ML	0709	02

TAGS INCLUDED: FY-1188 ----FY-3306-2
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FY-3306-3	FLOW CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AO-VAI-9	AB26	THE CONTROL ROOM	C	D		CE-ML	0710	02
FY-3311	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V				D		CE-ML	0711	02
FY-3311-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE				D		CE-ML	0712	02
FY-3312	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V				D		CE-ML	0713	02
FY-3312-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE				D		CE-ML	0714	02
FY-3313	FLOW CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	533 1426 62	E M	D		CE-ML	0715	02
FY-3313-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE				D		CE-ML	0716	02
FY-3315	FLOW CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	595 1391 62	E M	D		CE-ML	0717	02
FY-3315-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE				D		CE-ML	0718	02
FY-3317	FLOW CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	533 1426 62	E M	D		CE-ML	0719	02
FY-3317-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE				D		CE-ML	0720	02
FY-3321	FLOW CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	595 1391 62	E M	D		CE-ML	0721	02

TAGS INCLUDED: FY-3306-3 ----FY-3321
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM #& NAME: 03-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FY-3321-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0722	02
FY-3322	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	0723	02
FY-3322-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0724	02
FY-3323	FLOW CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	533 1426 62	E	M	D		CE-ML	0725	02
FY-3323-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0726	02
FY-3325	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	0727	02
FY-3325-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0728	02
FY-3327	FLOW CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	595 1391 62	E	M	D		CE-ML	0729	02
FY-3327-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0730	02
FY-3331	FLOW CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	533 1426 62	E	M	D		CE-ML	0731	02
FY-3332	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	0732	02
FY-3332-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0733	02

TAGS INCLUDED: FY-3321-1 ----FY-3332-1
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FY-3333	FLOW CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	595 1391 62	E	M	D		CE-ML	0734	02
FY-3333-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0735	02
FY-3341	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	0736	02
FY-3341-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0737	02
FY-3342	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	0738	02
FY-3342-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0739	02
FY-3343	FLOW CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	595 1391 62	E	M	D		CE-ML	0740	02
FY-3343-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0741	02
HCV-08-1A	ISOLATION VALVE	MSIV CLOSE(MSIS)	ASCO/NAMCO	SEE NOTE 1	TB23	737.0 1389.0 46.0	K	H	A	ESF	3.9-10	0742	03
HCV-08-1B	ISOLATION VALVE	MSIV CLOSE(MSIS)	ASCO/NAMCO	SEE NOTE (1) REF 3	TB23	687.0 1381.0 46.0	K	H	A	ESF	3.9-10	0743	03
HCV-09-1A	CONTROL VALVE (ACTUAT	MFIV CLOSE(MSIS)	ANCHOR/DARLING COMPANY	BY FIELD SERIES/	TB23	739.0 1416.0 45.0	K	H	A	ESF	3.9-10	0744	03
HCV-09-1A REL PNL	INTERLOCKING RELAYS	INTERLOCKING RLAYS FOR MSIS ISOLATION	SEE SUBCOMP	SEE SUBCOMP	TB23	740.0 1414.0 45.0	K	H	A	ESF	3.11-2	1947	03

TAGS INCLUDED: FY-3333 ----HCV-09-1A REL P
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 09-AUXILIARY FEEDWATER

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
HCV-09-1B	CONTROL VALVE (ACTUAT	MFIV CLOSE(MSIS)	ANCHOR/DARLING COMPANY	64324-C/001 SERIES/	TB23	738.0 1413.0 45.0	K	H	A	ESF	3.9-10	0745	03
HCV-09-1B REL PNL	INTERLOCKING RELAYS	INTERLOCKING RELAYS FOR MSIS ISOLATION	SEE SUBCOMP	SEE SUBCOMP	TB23	739.0 1400.0 45.0	K	H	A	ESF	3.112	1948	03
HCV-09-2A	CONTROL VALVE (ACTUAT	MFIV CLOSE(MSIS)	ANCHOR/DARLING COMPANY	64324-C/001 SERIES/	TB23	710.0 1400.0 45.0	K	H	A	ESF	3.9-10	0746	03
HCV-09-2A REL PNL	INTERLOCKING RELAYS	INTERLOCKING RELAYS FOR MSIS ISOLATION	SEE SUBCOMP	SEE SUBCOMP	TB23	637.0 1402.0 45.0	K	M	A	ESF	3.112	1949	03
HCV-09-2B	CONTROL VALVE (ACTUAT	MFIV CLOSE(MSIS)	ANCHOR/DARLING COMPANY	64324-C/001 SERIES/	TB23	619.0 1389.0 45.0	E	H	A	ESF	3.9-10	0747	03
HCV-09-2B REL PNL	INTERLOCKING RELAYS	INTERLOCKING RELAYS FOR MSIS ISOLATION	SEE SUBCOMP	SEE SUBCOMP	TB23	619.0 1387.0 45.0	K	M	A	ESF	3.112	1950	03
HCV-14-1	CONTROL VALVE	RCP COOLING WATER SUPPLY ISOLATION VALVE	ASCO/NAMCO	BY FIELD	RB15	633.0 1492.0 20.0	A	H	A	RPS	3.9-10	0748	03
HCV-14-1CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	3/4/C#16 N-11006	RB15	633.0 1492.0 20.0	A	H	A	ESF AUXSUP PAM	MRL<	2051	03
HCV-14-2	CONTROL VALVE	RCP COOLING WATER SUPPLY ISOLATION VALVE	ASCO/NAMCO	S:NP8321A2E LS:EA74	RB15	633.0 1493.0 20.0	A	H	A	RPS	3.9-10	0750	03
HCV-14-2CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	3/4/C#16	RB15	633.0 1493.0 20.0	A	H	A	ESF AUXSUP PAM	MRL<	2052	03
HCV-14-3A	CONTROL VALVE	CCW OUTLET VALVE FROM SHUTDOWN HX 2A	ASCO/NAMCO	S:HTX8318G1 3E LS:EA74	AB24	565.0 1450.0 5.0	D	H	A	RPS	3.9-10	0751	03
HCV-14-3B	CONTROL VALVE	CCW OUTLET VALVE FROM SHUTDOWN HX 2B	ASCO/NAMCO	S:NP831655E LS:EA74	AB24	565.0 1430.0 5.0	D	H	A	RPS	3.9-10	0752	03

TAGS INCLUDED: HCV-09-1B ----HCV-14-3B
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 14-COMPONENT COOLING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
HCV-14-6	CONTROL VALVE	RCP COOLING WATER SUPPLY ISOLATION VALVE	ASCO/NAMCO	S:NP8321A-2 -E LS:EA74	AB25	610.0 1488.0 20.0	D	H	A	RPS	3.9-10	0753	03
HCV-14-7	CONTROL VALVE	RCP COOLING WATER SUPPLY ISOLATION VALVE	ASCO/NAMCO	S:NP8321A6 LS:EA18	AB25	610.0 1485.0 20.0	D	H	A	RPS	3.9-10	0754	03
HCV-14-8A(.F.C. .SIAS)		CCW HDR. A SUPPLY TO NON-ESSENTIAL HDR IS		BY FIELD	CC02	694.0 1671.0 28.0	H	M	D		7.3-2	0755	01
HCV-15-1	CONTROL VALVE	PRIMARY MAKEUP CLOSES(CIAS)	ASCO/NAMCO	S:NP8321A1 E LS:EA18	AB25	606.0 1528.0 25.0	D	H	A		MRL	0758	03
HCV-18-1	CONTROL VALVE	INS AIR TO CONTAINMENT	ASCO/NAMCO	LS:EA180213 02 S:NP832	AB25	607.0 1495.0 20.0	D	H	A		MRL	0759	03
HCV-25-1	CONTROL VALVE	ECCS SUMP ISOL	ASCO/NAMCO	LS:EA180	AB24	586.0 1483.0 5.0	D	H	A		3.9-10	0052	03
HCV-25-1A	CONTROL VALVE	ECCS SUMP ISOL	ASCO/NAMCO	LS:EA180	AB24	586.0 1484.0 5.0	D	H	A		3.9-10	0053	03
HCV-25-2	CONTROL VALVE	ECCS ISOLATION	ASCO/NAMCO	LS:EA180213 02 S:NP832	AB24	545.0 1463.0 5.0	D	H	A		3.9-10	0054	03
HCV-25-2A	CONTROL VALVE	ECCS ISOL.	ASCO/NAMCO	LS:EA180213 02 S:NP832	AB24	546.0 1463.0 -10.0	D	H	A		3.9-10	0055	03
HCV-25-3	CONTROL VALVE	ECCS ISOL	ASCO/NAMCO	LS:EA180213 02 S:NP832	AB24	546.0 1525.0 5.0	D	H	A		3.9-10	0056	03
HCV-25-3A	CONTROL VALVE	ECCS ISOL	ASCO/NAMCO	LS:EA180213 02 S:NP832	AB24	546.0 1526.0 5.0	D	H	A		3.9-10	0057	03
HCV-25-4	CONTROL VALVE	ECCS ISOL.	ASCO/NAMCO	LS:EA180	AB24	569.0 1537.0 5.0	D	H	A		3.9-10	0058	03

TAGS INCLUDED: HCV-14-6 ----HCV-25-4
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-CONTAINMENT PURGE

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
HCV-25-4A	CONTROL VALVE	ECCS ISOL.	ASCO/NAMCO	LS:EA180	AB24	568.0 1536.0 5.0	D	H	A		3.9-10	0059	03
HCV-25-5	CONTROL VALVE	ECCS ISOL.	ASCO/NAMCO	LS:EA180	AB24	577.0 1463.0 5.0	D	H	A		3.9-10	0060	03
HCV-25-5A	CONTROL VALVE	ECCS ISOL.	ASCO/NAMCO	LS:EA180	AB24	578.0 1463.0 5.0	D	H	A		3.9-10	0061	03
HCV-25-6	HAND CONTROL VALVE	ECCS PUMP ROOM DRAIN	WKM/ACF INDUSTRIES	BY FIELD	AB24	546.0 1523.0 5.0	D	H	A			2114	03
HCV-25-6A	CONTROL VALVE	ECCS ISOL CABLE CONDUCTR CONECTORS	ASCO/NAMCO	S:NP8321A1E LS:EA18	AB24	546.0 1522.0 5.0	D	H	A	AUXSUP	MRL<	2025	03
HCV-25-7	HAND CONTROL VALVE	ECCS PUMP ROOM DRAIN	WKM/ACF INDUSTRIES	BY FIELD	AB24	557.0 1537.0 5.0	D	H	A			2115	03
HCV-25-7A	CONTROL VALVE	ECCS ISOL CABLE CONDUCTR CONECTORS	ASCO/NAMCO	S:NP8321A1E LS:EA18	AB24	562.0 1537.0 5.0	D	H	A	AUXSUP	MRL<	2026	03
HCV-3512	MOTOR OPERATED VALVE	SDC-HX OUTLET OPEN(R-M)	LIMITORQUE CORPORA	SMB-000-2HI BC/ 289732	AB24	560.0 1465.0 5.0	D	H	A	ESF	3.9-9	0760	03
HCV-3512 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C9-3A	AB24	558.0 1463.0 5.0	D	H	B	RPS ESF	3.112	0761	03
HCV-3615	MOTOR OPERATED VALVE	L.P.HEADER OPEN(SIAS)	LIMITORQUE CORPORA	SMB-1/ 157825	AB24	593.0 1495.0 6.0	D	H	A	ESF	3.9-9	0788	03
HCV-3615 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-16	AB24	590.0 1520.0 5.0	D	H	B	RPS ESF	3.112	0762	03
HCV-3617	MOTOR OPERATED VALVE	HPSI HEADER OPEN(SIAS)	LIMITORQUE CORPORA	KZ37181	AB24	593. 1504. 6.0	D	H	A	ESF	3.9-9	0790	03

TAGS INCLUDED: HCV-25-4A ----HCV-3617 PB
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
HCV-3618	ISOLATION VALVE	SIT DRAIN CLOSE(SIAS)	ASCO/NAMCO	S:RFHV20230 3 LS:EA18	RB16	729.0 1465.0 46.0	A	H	A	ESF	3.9-9	0765	03
HCV-3618CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16 N-11006	RB16	729.0 1465.0 46.0	A	H	A	ESF AUXSUP PAM	MRL<	2053	03
HCV-3625	MOTOR OPERATED VALVE	L.P.HEADER OPEN(SIAS)	LIMITORQUE CORP	SMB-L/ L57827	AB24	593. 1499. 6.0	D	H	A	ESF	3.9-9	0791	03
HCV-3625 PB	LOCAL CONTROL STATION	LOCAL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-1G	AB24	590.0 1520.0 5.0	D	H	B	RPS ESF	3.11-2	0766	03
HCV-3626	MOTOR OPERATED VALVE	HPSI HEADER OPEN(SIAS)	LIMITORQUE CORPORA	SMB-00-10	AB24	567. 1517. 6.0	D	H	A	ESF	3.9-9	0792	03
HCV-3627	MOTOR OPERATED VALVE	HPSI HEADER OPEN(SIAS)	LIMITORQUE CORPORA	SMB-00/7392	AB24	593. 1506. 6.0	D	H	A	ESF	3.9-9	0793	03
HCV-3628	ISOLATION VALVE	SIT DRAIN CLOSE(SIAS)	ASCO/NAMCO	S:RFHV20230 31 LS:EA18	RB16	741.0 1507.0 45.0	A	H	A	ESF	3.9-10	0769	03
HCV-3628CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16 N-11006	RB16	741.0 1507.0 45.0	A	H	A	ESF AUXSUP PAM	MRL<	2054	03
HCV-3635	MOTOR OPERATED VALVES	L.P.HEADER OPEN(SIAS)	LIMITORQUE CORP	SMB-1-40/2-1 42119	AB24	550.0 1485.0 6.0	D	H	A	ESF	3.9-10	0770	03
HCV-3636	MOTOR OPERATED VALVES	LATER	LIMITORQUE CORP	SMB-00-10	AB24	546.0 1509.0 6.0	D	H	A	ESF	3.9-10	0771	03
HCV-3636 DELETE	MOTOR OPERATED VALVE	HPSI HEADER OPEN(SIAS)	LIMITORQUE CORPORA	BY FIELD					A	ESF	3.9-9	0795	03
HCV-3637	MOTOR OPERATED VALVES	LATER	LIMITORQUE CORP	SMB-00-10/ FZ31120	AB24	574.0 1505.0 6.0	D	H	A	ESF	3.9-10	0772	03

TAGS INCLUDED: HCV-3618 ----HCV-3637
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X.Y.Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
HCV-3637 DELETE	MOTOR OPERATED VALVE	HPSI HEADER OPEN(SIAS)	LIMITORQUE CORPORA	BY FIELD					A	ESF	3.9-9	0796	03
HCV-3638	ISOLATION VALVE	SIT DRAIN CLOSE(SIAS)	ASCO/NAMCO	S:RFHV20230 31 LS:EA18	RB16	639.0 1524.0 45.0	A	H	A	ESF	3.9-10	0773	03
HCV-3638CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16 N-11006	RB16	639.0 1524.0 45.0	A	H	A	ESF AUXSUP PAM	MRL<	2055	03
HCV-3645	MOTOR OPERATED VALVE	L.P.HEADER OPEN(SIAS)	LIMITORQUE CORPORA	2-22049	AB24	549. 1426. 6.0	E	M	A	ESF	3.9-9	0797	03
HCV-3646	MOTOR OPERATED VALVE	HPSI HEADER OPEN(SIAS)	LIMITORQUE CORPORA	BY FIELD					A	ESF	3.9-9	0798	03
HCV-3646	MOTOR OPERATED VALVES	LATER	LIMITORQUE CORP	SMB-00-10/ 708420-	AB24	546.0 1511.0 6.0	D	H	A	ESF	3.9-10	0775	03
HCV-3647	MOTOR OPERATED VALVES	LTR	LIMITORQUE CORP	3A3272	AB24	574.0 1507.0 6.0	D	H	A	ESF	3.9-10	0776	03
HCV-3648	ISOLATION VALVE	SIT DRAIN CLOSE(SIAS)	ASCO/NAMCO	S:RFHV20230 31 LS:EA18	RB16	642.0 1496.0 45.0	A	H	A	ESF	3.9-10	0777	03
HCV-3648CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16 N-11006	RB16	642.0 1496.0 45.0	A	H	A	ESF AUXSUP PAM	MRL<	2056	03
HCV-3657	MOTOR OPERATED VALVES	SDC-HX OUTLET OPEN(R-M)	LIMITORQUE CORP	SMB-000-2HI BC	AB24	575.0 1471.0 5.0	D	H	A	ESF	3.9-10	0778	03
HCV-3657 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C9-3	AB24	573.0 1469.0 5.0	D	H	B	RPS ESF	3.112	0779	03
HIC-09-1C(202)	HAND INDICATING CONTR	AUX. FWP 2C TU RB	FISCHER & PORTER	53ED3000	AB26	563.0 1427.0 62.0	E	M	D	SD	7.5-1	0780	01

TAGS INCLUDED: HCV-3637 ----HIC-09-1C(202)

SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
HPSI P 2A	PUMP MOTOR	HIGH PRESSURE INJECTION PUMP	GENERAL ELECTRI	5K811052C57/ LN83986	AB24	577.0 1511.0 -1.0	D	H	A	ESF	7.3-2	0782	03
HPSI P 2B	PUMP MOTOR	HIGH PRESSURE INJECTION PUMP	GENERAL ELECTRI	5K811052C57/ LN83986	AB24	552.0 1530.0 -1.0	D	H	A	ESF	7.3-2	0783	03
HS-1101A	HAND SWITCH	LOCAL CONTROL	MICROSWITCH	2D8	AB26	573.0 1424.0 62.0	E	M	D		CE-ML	0784	02
HS-1101B	HAND SWITCH	LOCAL CONTROL	MICROSWITCH	2D8	AB26	573.0 1424.0 62.0	E	M	D		CE-ML	0785	02
HS-1101C	HAND SWITCH	LOCAL CONTROL	MICROSWITCH	2D8	AB26	573.0 1424.0 62.0	E	M	D		CE-ML	0786	02
HS-1101D	HAND SWITCH	LOCAL CONTROL	MICROSWITCH	2D8	AB26	573.0 1424.0 62.0	E	M	D		CE-ML	0787	02
H2 ANLR SAMPLE PUMP MOTOR	SAMPLE PUMP MOTOR	H2 ANALYZER SYSTEM TO PROVIDE POST DBA	RELIANCE ELEC.	1YF882640A2 ONE	AB25	582.0 1484.0 20.0	D	M	A	ESF	6.2-62	1951	03
H2 ANLR SYSTEM	H2 ANALYZER SYSTEM	H2 ANALYZER SYSTEM TO PROVIDE POST DBA	COMSIP INC.	K-III/K-IV	AB25	577.0 1517.0 20.0	D	M	A	ESF	6.2-62	1938	03
H2 RMB 2A	HYDROGEN RECOM-BINER	LIMITS BUILD-UP OF FREE HYDROGEN	WESTINGHOUSE	MODEL B 21	RB17	736.0 1518.0 62.0	A	H	A	ESF	6.2.5.	1941	03
H2 RMB 2A CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB17	726 1518 62.0	A	H	A	AUXSUP	MRL<	2108	03
H2 RMB 2A CP	H2 RECOMB CONTROL PNL	CONTROL PANEL FOR HYDROGEN RECOMBINER	WESTINGHOUSE	MODEL B	AB28	593.0 1422.0 62.0	E	M	D	ESF	MRL	1942	02
H2 RMB 2A PP	H2 RECOMB. POWER PNL	POWER PANEL FOR HYDROGEN RECOMBINER		BY FIELD	AB25	593.0 1462.0 25.0	E	M	D		MRL	1943	02

TAGS INCLUDED: HPSI P 2A ----H2 RMB 2A PP
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 27-HYDROGEN SAMPLING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
H2 RMB 2B	HYDROGEN RECOM-BINER	LIMITS BUILD-UP OF FREE HYDROGEN	WESTINGHOUSE	MODEL B 22	RB17	638.0 1516.0 62.0	A	H	A	ESF	6.2.5.	1944	03
H2 RMB 2B CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB17	638 1516 62.0	A	H	A	AUXSUP	MRL<	2109	03
H2 RMB 2B CP	H2 RECOMB CONTROL PNL	LATER		BY FIELD	AB28	593.0 1420.0 62.0	E	M	D			1945	02
H2 RMB 2B PP	H2 RECOMB POWER PNL	LATER		BY FIELD	AB25	593.0 1443.0 25.0	E	M	D			1946	02
INST BUS 2MA	AC/DC PANELS	CL IE AC UPS	SYSTEMS CONTROL	BY FIELD	AB26	599.0 1438.0 43.0	E	M	D		3.112	0800	01
INST BUS 2MB	AC/DC PANELS	CL IE AC UPS	SYSTEMS CONTROL	BY FIELD	AB26	544.0 1418.0 43.0	E	M	D		3.112	0801	01
INST BUS 2MC	AC/DC PANELS	CL IE AC UPS	SYSTEMS CONTROL	BY FIELD	AB26	599.0 1423.0 43.0	E	M	D		3.112	0802	01
INST BUS 2MD	AC/DC PANELS	CL IE AC UPS	SYSTEMS CONTROL	BY FIELD	AB26	544.0 1398.0 43.0	E	M	D		3.112	0803	01
INT CGW P 2A	PUMP MOTOR	INTAKE COOLING WATER PUMP 2A	GENERAL ELECTRIC COMPA	SK6338XC124 A	IT05	654.0 1038.0 17.0	I	M	D		7.3-2	0804	01
INT CGW P 2A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	B/M C10-2A	IT05	646.0 1043.0 17.0	I	M	D	SD	7.3-2	0805	01
INT CGW P 2B	PUMP MOTOR	INTAKE COOLING WATER PUMP 2B	GENERAL ELECTRIC COMPA	SK6338XC124 A	IT05	626.0 1038.0 17.0	I	M	D		7.3-2	0806	01
INT CGW P 2B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	B/M C10-2A BY FIEL	IT05	624.0 1036.0 17.0	I	M	D	SD	7.3-2	0807	01

TAGS INCLUDED: H2 RMB 2B ----INT CGW P 2B PB
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 21-CIRCULATING WATER

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
INT CGW P 2C	PUMP MOTOR	INTAKE COOLING WATER PUMP 2C	GENERAL ELECTRIC COMPA	SK6338XC124A	IT05	640.0 1038.0 17.0	I	M	D		7.3-2	0808	01
INT CGW P 2C PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	B/M C10-2A BY FIEL	IT05	642.0 1043.0 17.0	I	M	D	SD	7.3-2	0809	01
IRS HDRZN P 2A		LATER	RELIANCE ELECTRIC	14F882872A2 XF	AB24	546.0 1400.0 5.0	E	M	D		7.3-2	0810	01
IRS HDRZN P 2A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	B/M C10-6A BY FIEL	AB24	546.0 1412.0 6.0	E	M	D	RPS ESF	3.112	0811	01
IRS HDRZN P 2B		LATER	RELIANCE ELECTRIC	14F882872A2 XF	AB24	540.0 1400.0 5.0	E	M	D		7.3-2	0812	01
IRS HDRZN P 2B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	B/M C10-6A BY FIEL	AB24	517.0 1412.0 6.0	E	M	D	RPS ESF	3.112	0813	02
JI-001A	FLUX INDICATOR	WIDE RANGE % POWER		BY FIELD	AB26	CONTROL ROOM	C	M	D		7.5-1	0814	02
JI-001B	FLUX INDICATOR	WIDE RANGE % POWER		BY FIELD	AB26	CONTROL ROOM	C	M	D		7.5-1	0815	02
JI-001C	FLUX INDICATOR TING C	WIDE RANGE % POWER		BY FIELD	AB26	CONTROL ROOM	C	M	D		7.5-1	0816	02
JI-001D	FLUX INDICATOR	WIDE RANGE % POWER		BY FIELD			C		D	RPS	7.5-1	0817	02
JI-003A	POSITION INDICATING C	0-POWER QTR-SET POINT	SIGMA	1251					D	RPS	7.5-1	0818	02
JI-003B	POSITION INDICATING C	0-POWER/QTR-SET POINT	SIGMA	1251					D	RPS	7.5-1	0819	02

TAGS INCLUDED: INT CGW P 2C ---JI-003B
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 00-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
JI-003C	POSITION INDICATING C	Q-POWER QTR-SET POINT	SIGMA	1251				D	RPS	7.5-1	0820	02
JI-003D	POSITION INDICATING C	Q-POWER QTR-SET POINT	SIGMA	1251				D	RPS	7.5-1	0821	02
JI-004A	POSITION INDICATING C	Q-POWER QTR-SET POINT	SIGMA	1251				D	RPS	7.5-1	0822	02
JI-004B	POSITION INDICATING C	Q-POWER/QTR-SET POINT	SIGMA	1251				D	RPS	7.5-1	0823	02
JI-004C	POSITION INDICATING C	Q-POWER QTR-SET POINT	SIGMA	1251				D	RPS	7.5-1	0824	02
JI-004D	POSITION INDICATING C	Q-POWER QTR-SET POINT	SIGMA	1251				D	RPS	7.5-1	0825	02
JI-005A	POSITION INDICATING C	FLUX INDICATORS	SIGMA	1251				D	RPS	7.5-1	0826	02
JI-005B	POSITION INDICATING C	FLUX INDICATORS	SIGMA	1251				D	RPS	7.5-1	0827	02
JI-005C	POSITION INDICATING C	POWER AXIAL S	SIGMA	1251				D	RPS	7.5-1	0828	02
JI-005D	POSITION INDICATING C	FLUX INDICATORS	SIGMA	1251				D	RPS	7.5-1	0829	02
JI-006A	POSITION INDICATING C	FLUX INDICATORS	SIGMA	1151				D		7.5-1	0830	02
JI-006B	POSITION INDICATING C	FLUX INDICATORS	SIGMA	1151				D		7.5-1	0831	02

TAGS INCLUDED: JI-003C ----JI-006B
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 00-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
JI-006C	POSITION INDICATING C	POWER AXIAL S	SIGMA	1151					D		7.5-1	0832	02
JI-006D	POSITION INDICATING C	FLUX INDICATORS	SIGMA	1151					D		7.5-1	0833	02
JI-007A	POSITION INDICATING C	FLUX INDICATORS	SIGMA	1251					D		7.5-1	0834	02
JI-007B	POSITION INDICATING C	FLUX INDICATORS	SIGMA	1251					D		7.5-1	0835	02
JI-007C	POSITION INDICATING C	POWER AXIAL S	SIGMA	1251					D		7.5-1	0836	02
JI-007D	POSITION INDICATING C	FLUX INDICATORS	SIGMA	1251					D		7.5-1	0837	02
JI-1105	POSITION INDICATING C	LATER	SIGMA	9264X-00					D		CE-ML	0838	02
JI-1106	POSITION INDICATING C	LATER	SIGMA	9264X-00					D		CE-ML	0839	02
JKI-001A		RATE OF CHANGE OF POWER		BY FIELD	AB26	CONTROL ROOM	C	M	D	RPS	7.5-1	0840	02
JKI-001B		RATE OF CHANGE OF POWER		BY FIELD					D	RPS	7.5-1	0841	1
JKI-001C		RATE OF CHANGE OF POWER		BY FIELD					D	RPS	7.5-1	0842	1
JKI-001D		NIS WIDE RANGE		BY FIELD					D	RPS	7.5-1	0843	1

TAGS INCLUDED: JI-006C ----JKI-001D
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: - N3-ITEM

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
JR-001A	FLOW RECORDING	WIDE RANGE (LOG) % POWER	FOXBORO INSTRUMENT COM	M/226-01,02					D	RPS	7.5-1	0844	1
JR-001B	FLOW RECORDING	WIDE RANGE (LOG) % POWER	FOXBORO INSTRUMENT COM	M/226-01,02				2	D	RPS	7.5-1	0845	1
JR-001C	FLOW RECORDING	WIDE RANGE (LOG) % POWER	FOXBORO INSTRUMENT COM	M/226-01,02					D	RPS	7.5-1	0846	1
JR-001D	FLOW RECORDING	WIDE RANGE (LOG) % POWER	FOXBORO INSTRUMENT COM	M/226-01,02					D	RPS	7.5-1	0847	1
JR-012	POSITION RECORDING	AXIAL POWER RATIO		BY FIELD	AB26	579. 1419. 62.0	C	M	D	RPS	7.5-1	0848	1
JY-001A	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-VAI-9					D		CE-ML	0849	1
JY-001B	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-VAI-9					D		CE-ML	0850	1
LCV-07-11A	CONTROL VALVE	ISOLATION VALVES	ASCO/NAMCO	S:NP8321A1E LS:EA18	RB15	619.0 1517.0 26.0	A	H	A	ESF	7.3-2	0851	03
LCV-07-11A	CONTROL VALVE	LATER	ASCO/NAMCO	BY FIELD	RB15				A		3.9-10	0047	03
LCV-07-11ACM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16	RB15	619.0 1517.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2057	03
LCV-07-11B	CONTROL VALVE	ISOLATION VALVES	ASCO/NAMCO	LS:EA180213 02 S:NP832	AB25	596.0 1520.0 20.0	D	H	A		7.3-2	0852	03
LCV-07-11B	CONTROL VALVE	LATER	ASCO/NAMCO	BY FIELD	RB15				A		3.9-10	0048	03

TAGS INCLUDED: JR-001A ----LCV-07-11B
SORT TYPE:ALPHA. GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 07-CONTAINMENT SPRAY

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X.Y.Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
LE-07-13A	LEVEL TRANSMITTER	CONTAINMENT LEVEL WIDE RANGE	FLUID COMPONENT INC	BY FIELD		667.0 1512.0 18.0	A	H	A		<!	2118	03
LE-07-13B	LEVEL TRANSMITTER	CONTAINMENT LEVEL WIDE RANGE	FLUID COMPONENT INC	BY FIELD		667.0 1516.0 18.0	A	H	A		<!	2119	03
LE-07-14A	LEVEL TRANSMITTER	CONTAINMENT LEVEL NARROW RANGE	FLUID COMPONENT INC	BY FIELD		667.0 1512.0 18.0	A	H	A		<!	2117	03
LI-1104	LEVEL INDICATOR	PRESSURIZER		BY FIELD	AB27	519.0 1391.0 43.0	E	M	D	SD	7.5-1	0853	01
LI-1105	LEVEL INDICATOR	PRESSURIZER		BY FIELD	AB27	519.0 1391.0 43.0	E	M	D	SD	7.5-1	0854	01
LI-9113	LEVEL INDICATING CONT	STEAM GEN ZA	SIGMA	9262-00-D	AB27	519.0 1391.0 43.0	E	M	D	SD	7.5-1	0855	01
LI-9123	LEVEL INDICATOR	STEAM GEN 2B		BY FIELD	AB27	519.0 1391.0 43.0	E	M	D	AUXSUP	7.5-1	0856	01
LIA-2206	LEVEL INDICATG ALARM	BORIC ACID MAKEUP TANK 2A LEVEL		BY FIELD	AB26	581.0 1413.0 62.0	E	M	D	SD	7.5-1	0857	01
LIA-2208	LEVEL INDICATG ALARM	BORIC ACID MAKEUP TANK 2B LEVEL		BY FIELD	AB26	581.0 1413.0 62.0	E	M	D	SD	7.5-1	0858	01
LIS-07-2A(206)	LEVEL INDICATG SWITCH	REFUELING WATER TANK LEVEL	SIGMA	9262X		******** ******** ******			D	ESF	7.5-1	0859	01
LIS-07-2B(206)	LEVEL INDICATG SWITCH	REFUELING WATER TANK LEVEL	SIGMA	9262X		******** ******** ******			D	ESF	7.5-1	0860	01
LIS-07-2C(206)	LEVEL INDICATG SWITCH	RUT WATER LEVEL	SIGMA	9262X		******** ******** ******			D	ESF	7.5-1	0861	01

TAGS INCLUDED: LE-07-13A ----LIS-07-2C(206)
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 07-CONTAINMENT SPRAY

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
LIS-07-2D(206)	LEVEL INDIC ATG SWITCH	RUT WATER LEVE L	SIGMA	9262X		********* ********* ******			D	ESF	7.5-1	0862	01
LIS-07-9(206,A,L,LL)	FLOW INDICA TG SWITCH	HYDRAZINE TANK LEVEL		9262		********* ********* ******			D	ESF PAM	7.5-1	0863	01
LIS-12-11(202,A,L,HVAC,LL)	LEVEL INDIC ATG SWITCH	CONDENSATE STO RAGE TANK LEVE L	SIGMA	9262-22-ED	AB26	563.0 1427.0 62.0	E	M	D	AUXSUP SD PAM	7.5-1	0864	01
LPSI P 2A	PUMP MOTOR	LOW PRESSURE SFTY INJECTION PUMP	WESTINGHOUS E	5010P39VSWF / 1S-78	AB24	583.0 1472.0 -1.0	D	H	A	ESF	7.3-2	0865	03
LPSI P 2A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-2A	AB24	596.0 1470.0 -1.0	D	H	B	RPS ESF	3.112	0866	03
LPSI P 2B	PUMP MOTOR	LOW PRESSURE I NJECTION PUMP	WESTINGHOUS E	5010P39VSWF / 2S-78	AB24	552.0 1472.0 -1.0	D	H	A	ESF	7.3-2	0867	03
LPSI P 2B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-2A	AB24	550.0 1480.0 -1.0	D	H	B	RPS ESF	3.112	0868	03
LR-07-2D(206)	LEVEL RECOR DING	REFUELING WATE R TANK LEVEL	WESTINGHOUS E	75RE	AB26	581.0 1403.0 62.0	E	M	D	PAM	7.5-1	0869	01
LR-1110	FLOW RECORD ING	PRESSURIZER LE VEL	FOXBORO	M/226-01		********* ********* ******			D	CE-ML		0870	01
LR-1110X	LEVEL RECOR DING	PRESSURIZER LE VEL	FOXBORO INS TRUMENT COM	M/226-02					D	PAM	7.5-1	0871	01
LR-9013D	FLOW RECORD ING	STEAM GENERATO R 2A/2B LEVEL	FOXBORO INS TRUMENT COM	M/226-01.02	AB26	581.0 1403.0 62.0	E	M	D	PAM	7.5-1	0872	01
LR-9023D	FLOW RECORD ING	STEAM GENERATO R 2A/2B LEVEL	FOXBORO INS TRUMENT COM	M/226-01.02	AB26	581.0 1403.0 62.0	E	M	D	PAM	7.5-1	0873	01

TAGS INCLUDED: LIS-07-2D(206) ----LR-9023D
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 06-WASTE MANAGEMENT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
LS-06-1A	LEVEL SWITCH	ECCS SAFEGUARD RM-A SUMP PUMP	MAGNETROL	A103F-EP/VP X-Y SIMD4DC	AB24	596.0 1465.0 -1.0	D	H	A	ESF	7.5-3	0874	03
LS-06-1B	LEVEL SWITCH	ECCS SAFEGUARD RM-B SUMP PUMP	MAGNETROL	A103F-EP/VP X-Y SIMD4DC	AB24	547.0 1536.0 -1.0	D	H	A	ESF	7.5-3	0875	03
LS-06-40(206,A,HH)	LEVEL SWITCH	LATER		BY FIELD	AB24	596.0 1466.0 -1.0	D	H	C		7.5-3	0876	02
LS-06-41(206,A,HH)	LEVEL SWITCH	LATER		BY FIELD	AB24	546.0 1536.0 -1.0	D	H	C		7.5-3	0877	02
LS-07-10A	LEVEL SWITCH	HYDRAZINE TANK LEVEL	MAGNETROL	291-X-EP/VP XM14DC	AB24	548.0 1395.0 6.0	E	M	D		MRL	0878	01
LS-07-10B	LEVEL SWITCH	HYDRAZINE TANK LEVEL	MAGNETROL	291-X-EP/VP XM14DC	AB24	539.0 1395.0 6.0	E	M	D		MRL	0879	01
LS-07-12(205,A,H)	LEVEL SWITCH	LEAK DETECTION CONT SUMP	HOLD	BY FIELD	RB15	716.0 1454.0 18.0	A	H	C		7.5-	0880	02
LS-07-7A	LEVEL SWITCH	LATER		BY FIELD					D		7.5-	0881	01
LS-07-7B	LEVEL SWITCH	LATER		BY FIELD					D		7.5-	0882	01
LS-07-7C	LEVEL SWITCH	LATER		BY FIELD					D		7.5-	0883	01
LS-12-8(202-A,H,L,HVAC-A,LL)	LEVEL SWITCH	COND STORAGE TK	MAGNETROL	A153F-Y-3X-EP/VPX-3	TB13	698.0 1169.0 50.0	J	M	D		7.5-3	0884	01
LS-14-1A(206,A,L)	LEVEL SWITCH	CCW SURGE TANK	MAGNETROL	291-X-EP-VPX M14DC	AB28	589.0 1454.0 62.0	E	M	D		7.5-3	0885	01

TAGS INCLUDED: LS-06-1A ----LS-14-1A(206,A,
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 14-COMPONENT COOLING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
LS-14-1B(206,A,L)	LEVEL SWITCH	CCW SURGE TANK	MAGNETROL	291-X-EP-VPX M14DC	AB28	589.0 1448.0 62.0	E	M	D		7.5-3	0886	01
LS-14-5(206,A,H)	LEVEL SWITCH	CCW SURGE TANK	MAGNETROL	291-X-EP-VPX-M14DC	AB27	589.0 1451.0 61.0	E	M	D		MRL	0887	01
LS-14-6A	LEVEL SWITCH	COMP.COOLING WTR SURGE TANK	MAGNETROL	291-X-EP-VPX-M14DC	AB28	589.0 1446.0 62.0	E	M	D		MRL	0888	01
LS-14-6B	LEVEL SWITCH	COMP.COOLING WTR SURGE TANK	MAGNETROL	291-X-EP-VPX-M14DC	AB28	589.0 1456.0 62.0	E	M	D		MRL	0889	01
LS-17-10A(,A,DG,L,ANN:A,L,HVAC	LEVEL SWITCH	DIESEL OIL STORAGE TANK	MAGNETROL	4153F-Y-EP/VPX-M14DC	DG01	********* ********* ******	D	M	D		7.5-3	0890	01
LS-17-10B(,A,L,DGANN,HVAC)	LEVEL SWITCH	DIESEL OIL STORAGE TANK	MAGNETROL	A153F-Y-EP/VPX-M14DC	DG01	* *		M	D		7.5-3	0891	01
LS-17-552A(,*,LL,A,HVAC)	LEVEL SWITCH	LATER		BY FIELD		********* ********* ******			D		7.5-3	0892	01
LS-17-552B(,*,A,LL,HVAC)	LEVEL SWITCH	LATER		BY FIELD					D		7.5-3	0893	01
LS-17-553A(,*,A,LL,HVAC)	LEVEL SWITCH	LATER		BY FIELD		********* ********* ******			D		7.5-3	0894	01
LS-17-553B(,*,A,LL,HVAC)	LEVEL SWITCH	LATER		BY FIELD					D		7.5-3	0895	01
LS-21-5A	LEVEL SWITCH	INTAKE STRUCT. UPSTREAM OF TRAVELING	MAGNETROL	A153-EP-VPX7-M14DC	IT05	631.0 1007.0 18.0	I	M	D		7.5-3	0896	01
LS-21-5B	LEVEL SWITCH	INTAKE STRUCT. UPSTREAM OF TRAVELING	MAGNETROL	A153-EP-VPX7-M14DC	IT05	629.0 1007.0 18.0	I	M	D		7.5-3	0897	01

TAGS INCLUDED: LS-14-1B(206,A,----LS-21-5B
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: O2-CHEMICAL&VOL CONTROL

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
LS-2234X	LEVEL SWITCH	LATER		BY FIELD	AB24	550.0 1547.0 1.0	D	H	C		7.5-	0898	02
LS-2234Y	LEVEL SWITCH	LATER		BY FIELD	AB24	562.0 1547.0 1.0	D	H	C		7.5-	0899	02
LS-2234Z	LEVEL SWITCH	LATER		BY FIELD	AB24	578.0 1546.0 1.0	D	H	C		7.5-	0900	02
LS-3-1.2 FS BOX	LEVEL SWITCH	LATER		BY FIELD	AB27	590.0 1476.0 60.0	E	M	D		7.5-	0901	01
LS-4421	LEVEL SWITCH	LATER		BY FIELD	FH21	748.0 1587.0 50.0	F	M	D		7.5-	0902	01
LT-07-13A	LEVEL TRANSMITTER	CONTAINMENT LEVEL WIDE RANGE	FLUID COMPONENT INC	8-66		519.0 1479.0 25.0	E	M	A		<	2120	03
LT-07-13B	LEVEL TRANSMITTER	CONTAINMENT LEVEL WIDE RANGE	FLUID COMPONENT INC	8-66		519.0 1474.0 25.0	E	M	A		<	2121	03
LT-07-14A	LEVEL TRANSMITTER	CONTAINMENT LEVEL NARROW RANGE	FLUID COMPONENT INC	8-66		519.0 1472.0 25.0	E	M	A		<	2122	03
LT-07-2A	PRESSURE TRANSMITTER	REFUELING WATER LEVEL	ROSEMOUNT	1153DB5-SH1	RW03	594.0 1678.0 20.0	J	M	D		7.3-2	0903	01
LT-07-2B	PRESSURE TRANSMITTER	REFUELING WATER LEVEL	ROSEMOUNT	1153DB5-SH1	RW03	580.0 1678.0 20.0	J	M	D		7.3-2	0904	01
LT-07-2C	PRESSURE TRANSMITTER	REFUELING WATER LEVEL	ROSEMOUNT	1153DB5-SH1	RW03	592.0 1678.0 20.0	J	M	D		7.3-2	0905	01
LT-07-2D	PRESSURE TRANSMITTER	REFUELING WATER LEVEL	ROSEMOUNT	1153DB	RW03	577.0 1678.0 20.0	J	M	D		7.3-2	0906	01

TAGS INCLUDED: LS-2234X ----LT-07-2D
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 07-CONTAINMENT SPRAY

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
LT-07-9	PRESSURE TRANSMITTER	HYDRAZINE STORAGE TANK	ROSEMOUNT	1153DB4	AB24	551.0 1389.0 6.0	E	M	D		7.3-2	0907	01
LT-1104	LEVEL TRANSMI	PRESSURIZER LEVEL S/D	ITT BARTON	764 1533	RB15	668.0 1564.0 22.0	A	H	A	ESF	MRL	0908	03
LT-1105	LEVEL TRANSMI	PRESSURIZER LEVEL S/D	ITT BARTON	764 1534	RB15	663.0 1549.0 18.0	A	H	A	ESF	MRL	0909	03
LT-1110X	LEVEL TRANSMI	PRESSURIZER PRESS LEVEL	ITT BARTON	764 1531	RB15	663.0 1549.0 18.0	A	H	A	ESF	MRL	0910	03
LT-1110Y	LEVEL TRANSMI	PRESSURIZER LEVEL	ITT BARTON	764 1532	RB15	668.0 1564.0 22.0	A	H	A	ESF	CE-ML	0911	03
LT-12-11	PRESSURE TRANSMITTER	LATER	ROSEMOUNT	1153DB5	TB13	689.0 1166.0 23.0	J	M	D		7.3-2	0912	01
LT-9013A	LEVEL TRANSMI	STEAM GENERATR LEVEL	ITT BARTON	764 1535	RB16	741.0 1496.0 45.0	A	H	A	ESF	CE-ML	0913	03
LT-9013B	LEVEL TRANSMI	STEAM GENERATR LEVEL	ITT BARTON	764 1536	RB16	736.0 1477.0 45.0	A	H	A	ESF	CE-ML	0914	03
LT-9013C	LEVEL TRANSMI	STEAM GENERATR LEVEL	ITT BARTON	764 1537	RB16	740.0 1509.0 45.0	A	H	A	ESF	CE-ML	0915	03
LT-9013D	LEVEL TRANSMI	STEAM GENERATR LEVEL	ITT BARTON	764 1538	RB16	737.0 1480.0 45.0	A	H	A	ESF	CE-ML	0916	03
LT-9023A	LEVEL TRANSMI	STEAM GENERATR LEVEL	ITT BARTON	764 1539	RB16	633.0 1505.0 48.0	A	H	A	ESF	CE-ML	0917	03
LT-9023B	LEVEL TRANSMI	STEAM GEN LEVL	ITT BARTON	764 1540	RB16	634.0 1493.0 45.0	A	H	A	ESF	CE-ML	0918	03

TAGS INCLUDED: LT-07-9 ----LT-9023B
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 09-FEEDWATER

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
LT-9023C	LEVEL TRANSMI	STM GEN LVL	ITT BARTON	764 1541	RB15	636.0 1537.0 21.0	A	H	A	ESF	CE-ML	0919	03
LT-9023D	LEVEL TRANSMI	STM GEN LVL	ITT BARTON	764 1542	RB16	635.0 1513.0 48.0	A	H	A	ESF	CE-ML	0920	03
LT-9113	LEVEL TRANSMI	STM GEN LVL	ITT BARTON	764 1543	RB16	739.0 1488.0 45.0	A	H	A	ESF	CE-ML	0921	03
LT-9123	LEVEL TRANSMI	STM GEN LVL	ITT BARTON	764 1544	RB15	636.0 1484.0 26.0	A	H	A	ESF	CE-ML	0922	03
LY-1104	LVL CONVER TER	SIGNAL CNVRSN	FOXBORO INS TRUMENT COM	2AI-12V	AB26	THE CONTROL ROOM	C		D		CE-ML	0923	01
LY-1105	LVL CONVER TER	SIGNAL CNVRSN	FOXBORO INS TRUMENT COM	2AI-12V	AB26	595 1391 62	E	M	D		CE-ML	0924	01
LY-1110X-1	LEVEL CONVE RTER	SIGNAL CNVRSN	FOXBORO INS TRUMENT COM	2AO-VAI-92	AB26	THE CONTROL ROOM	C		D		CE-ML	0925	01
LY-1110Y-1	LEVEL CONVE RTER	SIGNAL CONVERS ION	FOXBORO INS TRUMENT COM	2AO-VAI-92	AB26	533.0 1426.0 62.0	E	M	D		CE-ML	0926	01
LY-9013A	FLOW CONVER TER	LATER	FOXBORO INS TRUMENT COM	2AI-12V					D		CE-ML	0927	02
LY-9013A-1	FLOW CONVER TER	LATER	FOXBORO INS TRUMENT COM	2AO-V21					D		CE-ML	0928	01
LY-9013B	FLOW CONVER TER	LATER	FOXBORO INS TRUMENT COM	2AI-12V					D		CE-ML	0929	01
LY-9013B-1	FLOW CONVER TER	LATER	FOXBORO INS TRUMENT COM	2AO-V21					D		CE-ML	0930	01

TAGS INCLUDED: LT-9023C ----LY-9013B-1
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 09-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
LY-9013C	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V				D		CE-ML	0931	01
LY-9013C-1	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	0932	01
LY-9013D	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V				D		CE-ML	0933	01
LY-9013D-1	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	0934	01
LY-9023A	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V				D		CE-ML	0935	01
LY-9023A-1	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	0936	01
LY-9023B	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V				D		CE-ML	0937	01
LY-9023B-1	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	0938	01
LY-9023C	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V				D		CE-ML	0939	01
LY-9023C-1	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	0940	01
LY-9023D	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V				D		CE-ML	0941	01
LY-9023D-1	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	0942	01

TAGS INCLUDED: LY-9013C ----LY-9023D-1
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 09-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
LY-9113	LVL CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	595 1391 62	E	M	D		CE-ML	0943	01
LY-9123	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	0944	01
MCC 2AB-AF	MOTOR CONTROL CENTER	480V AC NOM PWR	GENERAL ELECTRIC COMPA	IC7700	AB26	596.0 1411.0 43.0	E	M	D	AUXSUP	3.112	0945	01
MCC 2AB-BF	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB26	595.0 1411.0 43.0	E	M	D	AUXSUP	3.112	0946	02
MCC 2AB-BR	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB26	595.0 1409.0 43.0	E	M	D	AUXSUP	3.112	0947	02
MCC 2AB-CF	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB26	593.0 1411.0 43.0	E	M	D	AUXSUP	3.112	0948	02
MCC 2AB-CR	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB26	593.0 1409.0 43.0	E	M	D	AUXSUP	3.112	0949	02
MCC 2AB-DF	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB26	592.0 1411.0 43.0	E	M	D	AUXSUP	3.112	0950	02
MCC 2AB-DR	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB26	592.0 1409.0 43.0	E	M	D	AUXSUP	3.112	0951	02
MCC 2A5-AF	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	550.0 1464.0 43.0	E	M	D	AUXSUP	3.112	0952	02
MCC 2A5-AR	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	550.0 1463.0 43.0	E	M	D	AUXSUP	3.112	0953	02
MCC 2A5-BF	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	552.0 1464.0 43.0	E	M	D	AUXSUP	3.112	0954	02

TAGS INCLUDED: LY-9113 ----MCC 2A5-BF
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 51-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X.Y.Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
MCC 2A5-BR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	552.0 1463.0 43.0	E	M	D	AUXSUP	3.112	0955	02
MCC 2A5-CF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	554.0 1464.0 43.0	E	M	D	AUXSUP	3.112	0956	02
MCC 2A5-CR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	554.0 1463.0 43.0	E	M	D	AUXSUP	3.112	0957	02
MCC 2A5-DF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	555.0 1464.0 43.0	E	M	D	AUXSUP	3.112	0958	02
MCC 2A5-DR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	555.0 1463.0 43.0	E	M	D	AUXSUP	3.112	0959	02
MCC 2A5-EF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	557.0 1464.0 43.0	E	M	D	AUXSUP	3.112	0960	02
MCC 2A5-ER	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	557.0 1463.0 43.0	E	M	D	AUXSUP	3.112	0961	02
MCC 2A5-FF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	559.0 1464.0 43.0	E	M	D	AUXSUP	3.112	0962	02
MCC 2A5-FR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	559.0 1463.0 43.0	E	M	D	AUXSUP	3.112	0963	02
MCC 2A5-GF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	560.0 1464.0 43.0	E	M	D	AUXSUP	3.112	0964	02
MCC 2A5-GR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	560.0 1463.0 43.0	E	M	D	AUXSUP	3.112	0965	02
MCC 2A6-AF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	580.0 1464.0 43.0	E	M	D	AUXSUP	3.112	0966	02

TAGS INCLUDED: MCC 2A5-BR ----MCC 2A6-AF
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 51-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X.Y.Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
MCC 2A6-AR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	580.0 1463.0 43.0	E	M	D	AUXSUP	13.112	0967	02
MCC 2A6-BF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	581.0 1464.0 43.0	E	M	D	AUXSUP	13.112	0968	02
MCC 2A6-BR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	581.0 1463.0 43.0	E	M	D	AUXSUP	13.112	0969	02
MCC 2A6-CF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	583.0 1464.0 43.0	E	M	D	AUXSUP	13.112	0970	02
MCC 2A6-CR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	583.0 1463.0 43.0	E	M	D	AUXSUP	13.112	0971	02
MCC 2A6-DF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	584.0 1464.0 43.0	E	M	D	AUXSUP	13.112	0972	02
MCC 2A6-DR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	584.0 1463.0 43.0	E	M	D	AUXSUP	13.112	0973	02
MCC 2A6-EF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	586.0 1464.0 43.0	E	M	D	AUXSUP	13.112	0974	02
MCC 2A6-ER	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	586.0 1463.0 43.0	E	M	D	AUXSUP	13.112	0975	02
MCC 2A6-FF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	588.0 1464.0 43.0	E	M	D	AUXSUP	13.112	0976	02
MCC 2A6-FR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	588.0 1463.0 43.0	E	M	D	AUXSUP	13.112	0977	02
MCC 2A6-GF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	590.0 1464.0 43.0	E	M	D	AUXSUP	13.112	0978	02

TAGS INCLUDED: MCC 2A6-AR ----MCC 2A6-GF
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 51-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
MCC 2A6-GR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	590.0 1463.0 43.0	E	M	D	AUXSUP	3.112	0979	02
MCC 2A7-B	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	DG01	514.0 1667.0 24.0	G	M	D	AUXSUP	3.112	0980	02
MCC 2A7-C	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	DG01	514.0 1665.0 24.0	G	M	D	AUXSUP	3.112	0981	02
MCC 2A8-A	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	FH21	639.0 1596.0 48.0	F	M	D	AUXSUP	3.112	0982	02
MCC 2A9-A	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	513.0 1417.0 43.0	E	M	D	AUXSUP	3.112	0983	02
MCC 2A9-B	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	513.0 1419.0 43.0	E	M	D	AUXSUP	3.112	0984	02
MCC 2B5-AF (480 V REACTOR AREA)	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	527.0 1450.0 43.0	E	M	D	AUXSUP	3.112	0985	01
MCC 2B5-AR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	527.0 1449.0 43.0	E	M	D	AUXSUP	3.112	0986	02
MCC 2B5-BF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	528.0 1450.0 43.0	E	M	D	AUXSUP	3.112	0987	02
MCC 2B5-BR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	528.0 1449.0 43.0	E	M	D	AUXSUP	3.112	0988	02
MCC 2B5-CF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	530.0 1450.0 43.0	E	M	D	AUXSUP	3.112	0989	02
MCC 2B5-CR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	530.0 1449.0 43.0	E	M	D	AUXSUP	3.112	0990	02

TAGS INCLUDED: MCC 2A6-GR ----MCC 2B5-CR
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 51-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
MCC 2B5-DF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	532.0 1450.0 43.0	E	M	D	AUXSUP	3.112	0991	02
MCC 2B5-DR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	532.0 1449.0 43.0	E	M	D	AUXSUP	3.112	0992	02
MCC 2B5-EF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	533.0 1450.0 43.0	E	M	D	AUXSUP	3.112	0993	02
MCC 2B5-ER	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	533.0 1449.0 43.0	E	M	D	AUXSUP	3.112	0994	02
MCC 2B5-FF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	535.0 1450.0 43.0	E	M	D	AUXSUP	3.112	0995	02
MCC 2B5-FR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	535.0 1449.0 43.0	E	M	D	AUXSUP	3.112	0996	02
MCC 2B5-GF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	537.0 1450.0 43.0	E	M	D	AUXSUP	3.112	0997	02
MCC 2B5-GR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	537.0 1449.0 43.0	E	M	D	AUXSUP	3.112	0998	02
MCC 2B6-AF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	495.0 1464.0 43.0	E	M	D	AUXSUP	3.112	0999	02
MCC 2B6-AR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	495.0 1463.0 43.0	E	M	D	AUXSUP	3.112	1000	02
MCC 2B6-BF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	497.0 1464.0 43.0	E	M	D	AUXSUP	3.112	1001	02
MCC 2B6-BR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	497.0 1463.0 43.0	E	M	D	AUXSUP	3.112	1002	02

TAGS INCLUDED: MCC 2B5-DF ----MCC 2B6-BR
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 51-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
MCC 2B6-CF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	498.0 1464.0 43.0	E	M	D	AUXSUP	3.112	1003	02
MCC 2B6-CR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	498.0 1463.0 43.0	E	M	D	AUXSUP	3.112	1004	02
MCC 2B6-DF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	500.0 1464.0 43.0	E	M	D	AUXSUP	3.112	1005	02
MCC 2B6-DR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	500.0 1463.0 43.0	E	M	D	AUXSUP	3.112	1006	02
MCC 2B6-EF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	502.0 1464.0 43.0	E	M	D	AUXSUP	3.112	1007	02
MCC 2B6-GF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	505.0 1464.0 43.0	E	M	D	AUXSUP	3.112	1008	02
MCC 2B6-HF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	506.0 1464.0 43.0	E	M	D	AUXSUP	3.112	1009	02
MCC 2B6-HR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	506.0 1463.0 43.0	E	M	D	AUXSUP	3.112	1010	02
MCC 2B7-B	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	DG01	482.0 1667.0 24.0	G	M	D	AUXSUP	3.112	1011	02
MCC 2B7-C	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	DG01	482.0 1665.0 24.0	G	M	D	AUXSUP	3.112	1012	02
MCC 2B8-E	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	FH21	639.0 1619.0 48.0	F	M	D	AUXSUP	3.112	1013	02
MCC 2B9-A	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	513.0 1426.0 43.0	E	M	D	AUXSUP	3.112	1014	02

TAGS INCLUDED: MCC 2B6-CF ----MCC 2B9-A
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 51-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
MCC 2B9-B	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	513.0 1428.0 43.0	E	M	D	AUXSUP	3.112	1015	02
MV-07-1A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	RW03	563.0 1675.0 22.0	J	M	D	SD	3.112	1017	02
MV-07-1A(RAS)	MOV GATE VA	RWT ISOL CLOSE(RAS)	LIMITORQUE CORP	LO-SMB-000-5	RW03	572.0 1692.0 24.0	J	M	D		3.9-10	1016	01
MV-07-1B(RAS)	MOV GATE VA	RWT ISOL CLOSE(RAS)	LIMITORQUE CORP	LO-SMB-000-5	RW03	560.0 1696.0 24.0	J	M	D		3.9-10	1018	01
MV-07-2A	MOTOR OPERA TED VALVES	SUMP ISOL OPEN(RAS)	LIMITORQUE CORP	LO-SMB-000-10	AB25	605.0 1507.0 20.0	D	H	A	ESF	3.9-10	1019	03
MV-07-2A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER II ELECTRI	B/M C10-2B	AB25	585.0 1516.0 23.0	E	M	B	RPS ESF	3.112	1020	03
MV-07-2B	MOTOR OPERA TED VALVES	SUMP ISOL OPEN(RAS)	LIMITORQUE CORP	LO-SMB-000-10	AB25	605.0 1492.0 20.0	D	H	A	ESF	3.9-10	1021	03
MV-07-2B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER II ELECTRI	B/M	AB25	581.0 1519.0 20.0	E	M	B	RPS ESF	3.112	1022	03
MV-07-3	MOV	LATER	LIMITORQUE	BY FIELD					D		MRL<	1812	02
MV-07-4		LATER	LIMITORQUE	BY FIELD	.....	.....			D		MRL	1813	02
MV-08-1A	MOTOR OPERA TED VALVES	MSIV BYPASS	LIMITORQUE CORP	AK021	TB23	734.0 1391.0 46.0	K	H	A	ESF	3.9-10	1023	03
MV-08-1A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER II ELECTRI	B/M C10-2B	TB23	739.0 1393.0 45.0	K	H	B	RPS ESF	3.112	1024	03

TAGS INCLUDED: MCC 2B9-B ----MV-08-1A PB
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 08-MAIN STEAM

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
MV-08-1B	MOTOR OPERATED VALVES	MSIV BYPASS	LIMITORQUE CORP	P	TB23	690.0 1383.0 46.0	K	H	A	ESF	3.9-10	1025	03
MV-08-1B PB	LOCAL CONTROL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-2B	TB23	685.0 1385.0 45.0	K	H	B	RPS ESF	MRL	1026	03
MV-08-12	MOTOR OPERATED VALVE	AUX TURB. SPLY OPEN(M)	LIMITORQUE CORPORA	LO-SMB-000 S/N 279	TB23	690.0 1413.0 28.0	K	H	A	ESF	3.9-10	1027	03
MV-08-12 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-2B	TB23	689.0 1413.0 25.0	K	H	B	RPS ESF	3.112	1028	03
MV-08-13	MOTOR OPERATED VALVE	AUX TURB. SPLY OPEN(M)	LIMITORQUE CORPORA	LO-SMB-000 B/M-C10	TB23	725.0 1416.0 28.0	K	H	A	ESF	3.9-10	1029	03
MV-08-13 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-2B	TB23	727.0 1419.0 25.0	K	H	B	RPS ESF	3.112	1030	03
MV-08-14	MOTOR OPERATED VALVE(D	ADV BLOCK CLOSE(M)	LIMITORQUE CORPORA	LO-SMB-0-25	TB23	721.0 1415.0 48.0	K	H	A	ESF	3.9-10	1031	03
MV-08-14 SEL SW	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C9-1E	TB23	711.0 1411.0 45.0	K	H	B	RPS ESF	3.112	1032	03
MV-08-14 STR	AC/DC LOCAL STARTER	CLASS 1E SAFETY CLASS. LCL STRS FOR	BROWN-BOVERI ELECTRI	BY FIELD	TB23	710.0 1412.0 45.0	K	H	B	ESF	MRL	1033	03
MV-08-15	MOTOR OPERATED VALVE(D	ADV BLOCK CLOSE(M) ATMOS DUMP	LIMITORQUE CORPORA	LO-SMB-0-25	TB23	716.0 1413.0 48.0	K	H	A	ESF	3.9-10	1034	03
MV-08-15 SEL SW	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M	TB23	713.0 1404.0 45.0	K	H	B	RPS ESF	3.112	1035	03
MV-08-15 STR	AC/DC LOCAL STARTER	CLASS 1E SAFETY CLASS. LCL STRS FOR	BROWN-BOVERI ELECTRI	BY FIELD	TB23	712.0 1406.0 45.0	K	H	B	ESF	MRL	1036	03

TAGS INCLUDED: MV-08-1B ----MV-08-15 STR
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 08-MAIN STEAM

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
MV-08-16	MOTOR OPERATED VALVE(D	ADV BLOCK CLOSE(M)	LIMITORQUE CORPORA	DK56H/MJ205 54	TB23	690.0 1408.0 48.0	K	H	A	ESF	3.9-10	1037	03
MV-08-16 SEL SW	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C9-1E	TB23	680.0 1413.0 45.0	K	H	B	RPS ESF	3.112	1038	03
MV-08-17	MOTOR OPERATED VALVE(D	ADV BLOCK CLOSE(M)	LIMITORQUE CORPORA	DK56H/NJ205 53	TB23	694.0 1408.0 48.0	K	H	A	ESF	3.9-10	1039	03
MV-08-17 SEL SW	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C10-1E	TB23	686.0 1413.0 45.0	K	H	B	RPS ESF	3.112	1040	03
MV-08-18A	MOTOR OPERATED VALVE	ADV OPEN(M)	LIMITORQUE CORPORA	LO-SMB-0-15 / 339982	TB23	724.0 1416.0 48.0	K	H	A	ESF	3.9-10	1041	03
MV-08-18B	MOTOR OPERATED VALVE	ADV OPEN(M)	LIMITORQUE CORPORA	LO-SMB-0-15 / 3399-79	TB23	685.0 1408.0 48.0	K	H	A	ESF	3.9-10	1042	03
MV-08-19A	MOTOR OPERATED VALVE	ADV OPEN(M)	LIMITORQUE CORPORA	LO-SMB-0-15 / 33998	TB23	713.0 1412.0 48.0	K	H	A	ESF	3.9-10	1043	03
MV-08-19A STR	AC/DC LOCAL STARTER	CLASS 1E SAFETY CLASS. LCL STRS FOR	BROWN-BOVER I ELECTRI	BY FIELD B/M C3-	TB23	712.0 1407.0 45.0	K	H	B	ESF	MRL	1044	03
MV-08-19B	MOTOR OPERATED VALVE	ADV OPEN(M)	LIMITORQUE CORPORA	LO-SMB-0-15 / 255-89-	TB23	698.0 1408.0 48.0	K	H	A	ESF	3.9-10	1045	03
MV-08-19B STR	AC/DC LOCAL STARTER	CLASS 1E SAFETY CLASS. LCL STRS FOR	BROWN-BOVER I ELECTRI	BY FIELD	TB23	674.0 01 1387.00 45.0	K	H	B	ESF	MRL	1046	03
MV-08-3	MOTOR OPERATED VALVE	AUX TURB. STOP OPEN(M)	LIMITORQUE CORPORA	LO-SMB-000	TB23		K	H	A	ESF	3.9-10	1047	03
MV-09-09		ANNUNCIATE FLOW FAILURE OF F AN 2HVS-7	HENRY G DIE ITZ	171-D8-WCS B/M-C10	FH21	636.0 1583.0 50.0	F	M	D		17.5-	0608	01

TAGS INCLUDED: MV-08-16 ----MV-09-09

SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 09-FEEDWATER

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
MV-09-1		LATER	LIMITORQUE	BY FIELD	TB10	645.0 1342.0 28.0	J	M	D		MRL	1048	02
MV-09-10	MOTOR OPERATED VALVES	AUX FW 2B DISCHARGE VALVE	LIMITORQUE CORP	LO-SMB-4-20 O/ 117490	TB23	675.0 1397.0 46.0	K	H	A	ESF	3.9-10	1049	03
MV-09-10 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-2B	TB23	671.0 1390.0 42.0	K	H	B	RPS ESF	3.112	1050	03
MV-09-11	MOTOR OPERATED VALVES	AUX FW 2C DISCHARGE VALVE	LIMITORQUE CORP	LO-SMB-4-20 O S/N-293	TB23	738.0 1407.0 46.0	K	H	A	ESF	3.9-10	1051	03
MV-09-11 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-2B	TB23	733.0 1395.0 46.0	K	H	B	RPS ESF	3.112	1052	03
MV-09-12	MOTOR OPERATED VALVES	AUX FW 2C DISCHARGE VALVE	LIMITORQUE CORP	LO-SMB-4-20 O/ 117488	TB23	679.0 1398.0 46.0	K	H	A	ESF	3.9-10	1053	03
MV-09-12 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-2B	TB23	684.0 1387.0 46.0	K	H	B	RPS ESF	3.112	1054	03
MV-09-13	MOTOR OPERATED VALVES	AUX FW 2C DISCHARGE VALVE	LIMITORQUE CORP	LO-SMC-04/ D003809	TB23	685.0 1384.0 34.0	K	H	A	ESF	3.9-10	1055	03
MV-09-13 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-2B	TB23	689.0 1382.0 34.0	K	H	B	RPS ESF	3.112	1056	03
MV-09-14	MOTOR OPERATED VALVES	AUX FD INTRTIE OPEN(M)	LIMITORQUE CORP	LO-SMC-04 S/N-D00	TB23	677.0 1393.0 35.0	K	H	A	ESF	3.9-10	1057	03
MV-09-14 PB	LOCAL CONTROL STATION	AUX FW 2C DEV-CHARGE VALVE PUSHBUTTON	BROWN-BOVERI ELECTRI	BY B/M	TB23	667.0 1388.0 26.0	K	H	B	RPS ESF		1058	03
MV-09-2		LATER	LIMITORQUE	BY FIELD	TB10	593.0 1346.0 28.0	J	M	D		MRL	1059	02

TAGS INCLUDED: MV-09-1 ----MV-09-2
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 09-AUXILIARY FEEDWATER

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
MV-09-9	MOTOR OPERATED VALVES	AUX FD ISOL OPEN(M)	LIMITORQUE CORP	LO-SMB-4-20 O	TB23	742.0 1405.0 46.0	K	H	A	ESF	3.9-10	1060	03
MV-09-9 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M	TB23	752.0 1407.0 42.0	K	H	B	RPS ESF	3.112	1061	03
MV-14-1 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	CC02	672.0 1731.0 28.0	H	M	D	SD	3.112	1063	02
MV-14-1(,N.C.)	MOV GATE VA	CCW PMP ISOL NC	LIMITORQUE CORP	LO-SMB-000-5	CC02	684.0 1709.0 12.0	H	M	D		3.9-10	1062	01
MV-14-10	MOTOR OPERATED VALVES	FAN COOLR ISOL OPENS	LIMITORQUE CORP	LO-SMB-000-2 S/N-245	AB25	605.0 1511.0 25.0	D	H	A	ESF	3.9-10	1064	03
MV-14-10 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C10-8B	AB25	587.0 1562.0 20.0	D	H	B	RPS ESF	3.112	1065	03
MV-14-11	MOTOR OPERATED VALVES	FAN COOLR ISOL OPENS	LIMITORQUE CORP	LO-SMB-000-2/ 845638	AB25	609.0 1522.0 25.0	D	H	A	ESF	3.9-10	1066	03
MV-14-11 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C10-8B	AB25	587.0 1562.0 20.0	D	H	B	RPS ESF	3.112	1067	03
MV-14-12	MOTOR OPERATED VALVES	FAN COOLR ISOL OPENS	LIMITORQUE CORP	LO-SMB-000-2 S/N-245	AB25	607.0 1517.0 25.0	D	H	A	ESF	3.9-10	1068	03
MV-14-12 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C10-8B	AB25	587.0 1562.0 20.0	D	H	B	RPS ESF	3.112	1069	03
MV-14-13	MOTOR OPERATED VALVES	FAN COOLR ISOL OPENS	LIMITORQUE CORP	LO-SMB-000-2/ 245640	AB25	605.0 1498.0 25.0	D	H	A	ESF	3.9-10	1070	03
MV-14-13 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C10-8B	AB25	587.0 1516.0 23.0	D	H	B	RPS ESF	3.112	1071	03

TAGS INCLUDED: MV-09-9 ----MV-14-13 PB
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 14-COMPONENT COOLING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
MV-14-14	MOTOR OPERATED VALVES	FAN COOLR ISOL OPENS	LIMITORQUE CORP	LO-SMB-000-12/ 245641	AB25	603.0 1492.0 25.0	D	H	A	ESF	3.9-10	1072	03
MV-14-14 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI I ELECTRI	B/M C10-8B	AB25	587.0 1516.0 23.0	D	H	B	RPS ESF	3.112	1073	03
MV-14-15	MOTOR OPERATED VALVES	FAN COOLR ISOL OPENS	LIMITORQUE CORP	LO-SMB-000-12 S/N-245	AB25	605.0 1506.0 25.0	D	H	A	ESF	3.9-10	1074	03
MV-14-15 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI I ELECTRI	B/M C10-8B	AB25	587.0 1516.0 23.0	D	H	B	RPS ESF	3.112	1075	03
MV-14-16	MOTOR OPERATED VALVES	FAN COOLR ISOL OPENS	LIMITORQUE CORP	LO-SMB-000-12 S/N-245	AB25	603.0 1503.0 25.0	D	H	A	ESF	3.9-10	1076	03
MV-14-16 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI I ELECTRI	B/M C10-8B	AB25	587.0 1516.0 23.0	D	H	B	RPS ESF	3.112	1077	03
MV-14-17	MOTOR OPERATED VALVES	FUEL POOL ISO. CLOSE(SIAS)	LIMITORQUE CORP	LO-SMB-000-12	AB25	596.0 1578.0 25.0	D	H	A	ESF	3.9-10	1078	03
MV-14-17 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI I ELECTRI	B/M	AB25	587.0 1543.0 20.0	D	H	B	RPS ESF	3.112	1079	03
MV-14-18	MOTOR OPERATED VALVES	CCW TO FUEL HX ISOL VALVE	LIMITORQUE CORP	LO-SMB-000-12	AB25	595.0 1577.0 25.0	D	H	A	ESF	3.9-10	1080	03
MV-14-18 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI I ELECTRI	B/M	AB25	587.0 1565.0 20.0	D	H	B	RPS ESF	3.112	1081	03
MV-14-19	MOTOR OPERATED VALVE	FUEL POOL ISOL CLOSE(R-M)	LIMITORQUE CORP	LO-SMB-000-12	AB25	595.0 1556.0 25.0	D	H	A	ESF	3.9-10	1082	03
MV-14-19 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI I ELECTRI	B/M	AB25	587.0 1543.0 20.0	D	H	B	RPS ESF	3.112	1083	03

TAGS INCLUDED: MV-14-14 ----MV-14-19 SS
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: O2-CHEMICAL&VOL CONTROL

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
MV-14-2 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	CCO2	672.0 1731.0 28.0	H M	D	SD	3.112	1085	01
MV-14-2(,N.C.)	MOTOR OPERATED VALVES	CCW PMP ISOL NC	LIMITORQUE CORP	LO-SMB-000-5	CCO2	653.0 1709.0 12.0	H M	D	ESF	3.9-10	1084	02
MV-14-20	MOTOR OPERATED VALVES	FUEL POOL ISOL CLOSE(R-M)	LIMITORQUE CORP	LO-SMB-000-2	AB25	595.0 1557.0 25.0	D H	A	ESF	3.9-10	1086	03
MV-14-20 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M	AB25	587.0 1565.0 20.0	D H	B	RPS ESF	3.112	1087	03
MV-14-3 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	CCO2	672.0 1731.0 28.0	H M	D	SD	3.112	1089	01
MV-14-3(,N.C.)	GATE	CCW PMP ISOL NC	LIMITORQUE CORP	LO-SMB-000-5	CCO2	674.0 1684.0 12.0	H M	D		3.9-10	1088	01
MV-14-4 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	CCO2	672.0 1731.0 28.0	H M	D	SD	3.112	1091	01
MV-14-4(,N.C.)	GATE	CCW PMP ISOL NC	LIMITORQUE CORP	LO-SMB-000-5	CCO2	644.0 1684.0 12.0	H M	D		3.9-10	1090	01
MV-14-9	MOTOR OPERATED VALVES	FAN COOLR ISOL OPENS	LIMITORQUE CORP	LO-SMB-000-2 S/N-245	AB25	606.0 1511.0 20.0	D H	A	ESF	3.9-10	1092	03
MV-14-9 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-8B	AB25	587.0 1562.0 20.0	D H	B	RPS ESF	3.112	1093	03
MV-21-2 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	ITO5	676.0 1056.0 20.0	I M	D	SD	3.112	1095	02
MV-21-2(,SIAS)	GATE	ICW HDR.B DISC H. TO TCW HEAT EXCH. ISOLATI	LIMITORQUE CORP	LO-SMB-000-5	ITO5	676.0 1056.0 17.0	I M	D	ESF	7.3-2	1094	01

TAGS INCLUDED: MV-14-2 PB ----MV-21-2(,SIAS)
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 02-CHEMICAL&VOL CONTROL

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
MV-21-3 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	IT05	667.0 1056.0 20.0	I	M	D	SD	3.112	1097	01
MV-21-3(,SIAS)	GATE	ICW HDR.A DISC H. TO TCW HEAT EXCH. ISOLATI	LIMITORQUE CORP	LO-SMB-000-5	IT05	664.0 1056.0 17.0	I	M	D	ESF	7.3-2	1096	01
MV-21-4A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	IT05	668.0 1059.0 20.0	I	M	D	SD	3.112	1099	01
MV-21-4A(,S1AS)	GATE	ICW LUBE WATER DISCH. VALVES TO CIRC. WATE	LIMITORQUE CORP	LO-SMB-000-2	IT05	661.0 1062.0 17.0	I	M	D	ESF	7.3-2	1098	01
MV-21-4B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	IT05	678.0 1059.0 20.0	I	M	D	SD	3.112	1101	01
MV-21-4B(,S1AS)	GATE	ICW LUBE WATER DISCH. VALVES TO CIRC. WATE	LIMITORQUE CORP	LO-SMB-000-2	IT05	680.0 1060.0 17.0	I	M	D	ESF	7.3-2	1100	01
MV-2514	MOISTURE EL EC RECEIVER	LATER		BY FIELD	AB24	517.0 1545.0 5.0	E	M	D		3.112	1102	02
PA-1103	PRESSURE CO INVERTER	LATER	FOXBORO INS TRUMENT COM	2AP-ALM-AR					D		CE-ML	1103	01
PA-1103-1	PRESSURE CO INVERTER	LATER	FOXBORO INS TRUMENT COM	2AP-ALM-AR					D		CE-ML	1104	01
PA-1104	PRESSURE CO INVERTER	LATER	FOXBORO INS TRUMENT COM	2AP-ALM-AR					D		CE-ML	1105	01
PA-1104-1	PRESSURE CO INVERTER	LATER	FOXBORO INS TRUMENT COM	2AP-ALM-AR					D		CE-ML	1106	01
PA-1104-2	PRESSURE CO INVERTER	LATER	FOXBORO INS TRUMENT COM	2AP-ALM-AR					D		CE-ML	1107	01

TAGS INCLUDED: MV-21-3 PB ----PA-1104-2
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PA-1105	PRESSURE CO INVERTER	LATER	FOXBORO INS TRUMENT COM	2AP-ALM-AR				D		CE-ML	1108	01
PA-1105-1	PRESSURE CO INVERTER	LATER	FOXBORO INS TRUMENT COM	2AP-ALM-AR				D		CE-ML	1109	01
PA-1106	PRESSURE CO INVERTER	LATER	FOXBORO INS TRUMENT COM	2AP-ALM-AR				D		CE-ML	1110	01
PA-1106-1	PRESSURE CO INVERTER	LATER	FOXBORO INS TRUMENT COM	2AP-ALM-AR				D		CE-ML	1111	01
PA-1106-2	PRESSURE CO INVERTER	LATER	FOXBORO INS TRUMENT COM	2AP-ALM-AR				D		CE-ML	1112	01
PC-1103	PRESSURIZER PRESS CNTR	SIGNAL CNVRSN	FOXBORO INS TRUMENT COM	2AO-L2C-R	AB26	THE CONTROL ROOM	C	D		CE-ML	1113	02
PC-1103-1	PRESSURE CO INTROLLER	LATER	FOXBORO INS TRUMENT COM	2AO-L2C-R				D		CE-ML	1114	01
PC-1104	PRESSURE CO INTROLLER	LATER	FOXBORO INS TRUMENT COM	2AO-L2C-R				D		CE-ML	1115	01
PC-1104-1	PRESSURE CO INTROLLER	LATER	FOXBORO INS TRUMENT COM	2AO-L2C-R				D		CE-ML	1116	01
PC-1104-2	PRESSURE CO INTROLLER	LATER	FOXBORO INS TRUMENT COM	2AO-L2C-R				D		CE-ML	1117	01
PC-1105	PRESSURE CO INTROLLER	LATER	FOXBORO INS TRUMENT COM	2AO-L2C-R				D		CE-ML	1118	01
PC-1105-1	PRESSURE CO INTROLLER	LATER	FOXBORO INS TRUMENT COM	2AO-L2C-R				D		CE-ML	1119	01

TAGS INCLUDED: PA-1105 ----PC-1105-1
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-REACTOR COOLANT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
PDI-1101A	PRESS DIFFE R'TL INDICA	STM GEN P/TOTA L CORE FLOW		BY FIELD	AB26	573.0 1424.0 62.0	E	M	D	RPS	7.5-1	1120	01
PDI-1101B	PRESS DIFFE R'TL INDICA	STM GEN P/TOTA L CORE FLOW		BY FIELD	AB26	573.0 1424.0 62.0	E	M	D	RPS	7.5-1	1121	01
PDI-1101C	PRESS DIFFE R'TL INDICA	STM GEN P/TOTA L CORE FLOW		BY FIELD	AB26	573.0 1424.0 62.0	E	M	D	RPS	7.5-1	1122	01
PDI-1101D	PRESS DIFFE R'TL INDICA	STM GEN P/TOTA L CORE FLOW		BY FIELD	AB26	573.0 1424.0 62.0	E	M	D	RPS	7.5-1	1123	01
PDI-25-15A	PRESS DIFFE R'TL INDICA	CONT ID ANNULU S DP		BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	1124	01
PDI-25-15B	PRESS DIFFE R'TL INDICA	CONT ID ANNULU S DP		BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	1125	01
PDIC-25-23B1	PRESS DIFFE R'TL CONTRO	CONTROL ROOM AIR CONDITION- ING SYSTEM	FISCHER & PORTER	53EG4431 BBKBAE	AB28	587.0 1458.0 69.0		M	D		.5-2	2123	
PDIS-25-1A	PRESS DIFFE R'TL INDICA	CONT ID ANNULU S DP	SIGMA	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	1126	01
PDIS-25-1B	PRESS DIFFE R'TL INDICA	CONT ID ANNULU S DP	SIGMA	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	1127	01
PDIS-25-23A	PRESS DIFFE R'TL INDICA	CONTROL ROOM T O OUTSIDE DP	SIGMA	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	1128	01
PDIS-25-23B	PRESS DIFFE R'TL INDICA	CONTROL ROOM T O OUTSIDE DP	SIGMA	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	1129	01
PDIS-25-5A	PRESS DIFFE R'TL INDICA	ECCS AREA EXHA UST RAB HEPA F ILTER A DP	SIGMA	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	1130	01

TAGS INCLUDED: PDI-1101A ----PDIS-25-5A
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-ECCS VENTILATING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PDIS-25-5B	PRESS DIFFE R'TL INDICA	ECCS AREA EXHA UST RAB HEPA F ILTER B DP	SIGMA	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	1131	01
PDIS-25-7A	PRESS DIFFE R'TL INDICA	ANNULUS TO OUT SIDE P	SIGMA	BY FIELD	AB27	519.0 1391.0 43.0	E	M	D	ESF	7.5-1	1132	01
PDIS-25-7B	PRESS DIFFE R'TL INDICA	ANNULUS TO OUT SIDE P	SIGMA	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	ESF	7.5-1	1133	01
PDIS-25-8A	PRESS DIFFE R'TL INDICA	SHIELD BLDG HE PA FILTER DP	SIGMA	BY FIELD					D		7.5-1	1135	01
PDIS-25-8A	PRESS DIFFE R'TL INDICA	SHIELD BLDG HE PA FILTER DP	SIGMA	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	ESF	7.5-1	1134	01
PDIS-25-8B	PRESS DIFFE R'TL INDICA	SHIELD BLDG HE PA FILTER DP	SIGMA	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	ESF	7.5-1	1136	01
PDIS-25-9A	PRESS DIFFE R'TL INDICA	CONTROL ROOM E MERG FILTER DP HEPA FILTER	SIGMA	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	1137	01
PDIS-25-9B	PRESS DIFFE R'TL INDICA	CONTROL ROOM E MERG FILTER DP HEPA FILTER	SIGMA	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	1138	01
PDS-25-13A	PRESS DIFFE R'TL SOLENO	CONTAINMENT RELIEF SYST. FOR VLV I-FCV-	ROCHESTER	ET 215V		********* ********* ******			D			1139	01
PDS-25-13B	PRESS DIFFE R'TL SOLENO	CONTAINMENT VACUUM RELIEF SYST.FOR VALVE	ROCHESTER	ET 215V		********* ********* ******			D			1140	01
PDS-25-17A	PRESS DIFFE R'TL SOLENO	FHB VENT SYST. FOR D-23 AND I-FCV-25-11	ROCHESTER	ET 215V		********* ********* ******			D			1141	01
PDS-25-17B	PRESS DIFFE R'TL SOLENO	FHB VENT SYST. FOR D-24 AND I-FCV-25-12	ROCHESTER	ET 215V		********* ********* ******			D			1142	01

TAGS INCLUDED: PDIS-25-5B ----PDS-25-17B

SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-SHIELD BLDG. VENT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PDS-25-7A	PRESS DIFFE R'TL SOLENO	SHEILD BLDG. VENT SYST.FOR ID-23 AND	ROCHESTER	ET 215V	AB26	581.0 1403.0 62.0	E	M	D			1143	01
PDS-25-7B	PRESS DIFFE R'TL SOLENO	SHIELD BLDG. VENT SYST. FOR ID-24 AND	ROCHESTER	ET 215V	AB26	581.0 1403.0 62.0	E	M	D			1144	01
PDT-1111A	DIFF'NTL PR ESS TRANSMI	STM GEN 2A DIFF. PRESS	ITT BARTON	764 1519	RB17	729.0 1514.0 62.0	A	H	A	ESF	CE-ML	1145	03
PDT-1111B	DIFF'NTL PR ESS TRANSMI	STM GEN 2A DIFF PRESS	ITT BARTON	764 1520	RB17	735.0 1486.0 62.0	A	H	A	ESF	CE-ML	1146	03
PDT-1111C	DIFF'NTL PR ESS TRANSMI	STM GEN 2A DIFF PRESS	ITT BARTON	764 1521	RB17	732.0 1514.0 62.0	A	H	A	ESF	CE-ML	1147	03
PDT-1111D	DIFF'NTL PR ESS TRANSMI	STM GEN 2A DIFF PRESS	ITT BARTON	764 1522	RB17	725.0 1486.0 62.0	A	H	A	ESF	CE-ML	1148	03
PDT-1121A	DIFF'NTL PR ESS TRANSMI	STM GEN 2B DIFF. PRESS	ITT BARTON	764 1523	RB17	643.0 1514.0 62.0	A	H	A	ESF	CE-ML	1149	03
PDT-1121B	DIFF'NTL PR ESS TRANSMI	STM GEN 2B DIFF PRESS	ITT BARTON	764 1524	RB17	648.0 1486.0 62.0	A	H	A	ESF	CE-ML	1150	03
PDT-1121C	DIFF'NTL PR ESS TRANSMI	STM GEN 2B DIFF PRESS	ITT BARTON	764 1525	RB17	648.0 1514.0 62.0	A	H	A	ESF	CE-ML	1151	03
PDT-1121D	DIFF'NTL PR ESS TRANSMI	STEAM GEN 2B DIFF PRESS	ITT BARTON	764 1547	RB17	636.0 1486.0 62.0	A	H	A	ESF	CE-ML	1152	03
PDT-25-1A	PRESSURE TR ANSMITTER	TRANSMIT PRESS BET. CONTAIN. AND ANNULUS	ROSEMOUNT	1153DB4	AB25	580.0 1539.0 20.0	E	M	D		7.3-2	1153	01
PDT-25-1B	PRESSURE TR ANSMITTER	PRESS. DIFF. BETWEEN CONTA- INMENT AND	ROSEMOUNT	1153DB4	AB25	584.0 1510.0 20.0	E	M	D		7.3-2	1154	01

*TAGS INCLUDED: PDS-25-7A ----PDT-25-1B
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-CONT. VAC. RELIEF

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PDT-25-13A	PRESSURE TRANSMITTER	CONT. ANNULUS PRESS. FOR CONTROL OF	ROSEMOUNT	1153DB4	AB25	580.0 1539.0 20.0	E	M	D		7.3-2	1155	01
PDT-25-13B	PRESSURE TRANSMITTER	CONT. ANNULUS PRESS. TO OPERATE	ROSEMOUNT	1153DB4	AB25	584.0 1510.0 20.0	E	M	D		7.3-2	1156	01
PDT-25-14A	DIFF. PRESSURE TRANSMI	2HVE-6A CHARCOAL ABSORBER DIFF PRESS	ROSEMOUNT	1153DB3/ 333416	AB27	582.0 1529.0 43.0	D	H	A	RPS ESF	7.3-2	1157	03
PDT-25-14B	DIFF PRESS TRANSMI	TRANSMIT CHARCOAL ABSORBER PRESSURE DROP	ROSEMOUNT	1153DB3/ 333415	AB27	582.0 1515.0 43.0	D	H	A	RPS ESF	7.3-2	1158	03
PDT-25-15A	PRESSURE TRANSMITTER	TRANSMIT CONTAINMENT-ANNULUS PRESSURE	ROSEMOUNT	1153DB4	AB25	580.0 1539.0 20.0	E	M	D		7.3-2	1159	01
PDT-25-15B	PRESSURE TRANSMITTER	TRANSMITS CONTAINMENT TO ANNULUS	ROSEMOUNT	1153DB4	AB25	582.0 1533.0 20.0	E	M	D		7.3-2	1160	01
PDT-25-16A	PRESSURE TRANSMITTER	TRANSMITS ECCS AREA PRESSURE DROP	ROSEMOUNT	1153DB3	AB24	542.0 1476.0 -1.0	E	M	D		7.3-2	1161	01
PDT-25-16B	PRESSURE TRANSMITTER	TRANSMIT ECCS AREA PRESSURE DROP	ROSEMOUNT	1153DB3	AB24	542.0 1485.0 -1.0	E	M	D		7.3-2	1162	01
PDT-25-17A	PRESSURE TRANSMITTER	TRANSMITS OUTSIDE TO POOL AREA	ROSEMOUNT	1153DB3	FH22	744.0 1564.0 66.0	F	M	D		7.3-2	1163	01
PDT-25-17B	PRESSURE TRANSMITTER	TRANSMITS OUT-SIDE TO POOL AREA PRESSURE	ROSEMOUNT	1153DB3	FH22	738.0 1564.0 66.0	F	M	D		7.3-2	1164	01
PDY-1101-A1	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1165	02
PDY-1101-B1	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1166	02

TAGS INCLUDED: PDT-25-13A ----PDY-1101-B1
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
PDY-1101-C1	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INS TRUMENT COM	2A0-V21				D		CE-ML	1167	02
PDY-1101-D1	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INS TRUMENT COM	2A0-V21				D		CE-ML	1168	02
PDY-1101A	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AP-SUM				D		CE-ML	1169	02
PDY-1101B	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AP-SUM				D		CE-ML	1170	02
PDY-1101C	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AP-SUM				D		CE-ML	1171	02
PDY-1101D	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AP-SUM				D		CE-ML	1172	02
PDY-1111A	PRESS DIFF' L CNVRTR	SIGNAL CNVRSN	FOXBORO INS TRUMENT COM	2AI-12V	AB26	THE CONTROL ROOM	C	D		CE-ML	1173	02
PDY-1111A1	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INS TRUMENT COM	P-SGC				D		CE-ML	1174	02
PDY-1111B	FLOW CONVER TER	LATER	FOXBORO INS TRUMENT COM	2AI-12V				D		CE-ML	1175	02
PDY-1111B1	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INS TRUMENT COM	P-SGC				D		CE-ML	1176	02
PDY-1111C	FLOW CONVER TER	LATER	FOXBORO INS TRUMENT COM	2AI-12V				D		CE-ML	1177	02
PDY-1111C1	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INS TRUMENT COM	P-SGC				D		CE-ML	1178	02

TAGS INCLUDED: PDY-1101-C1 ----PDY-1111C1
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PDY-1111D	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V				D		CE-ML	1179	02
PDY-1111D1	PRESS DIFFE R'TL CONVER	LATER.	FOXBORO INSTRUMENT COM	P-SGC				D		CE-ML	1180	02
PDY-1121A	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V				D		CE-ML	1181	02
PDY-1121A1	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INSTRUMENT COM	P-SGC				D		CE-ML	1182	02
PDY-1121B	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V				D		CE-ML	1183	02
PDY-1121B1	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INSTRUMENT COM	P-SGC				D		CE-ML	1184	02
PDY-1121C	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V				D		CE-ML	1185	02
PDY-1121C1	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INSTRUMENT COM	P-SGC				D		CE-ML	1186	02
PDY-1121D	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V				D		CE-ML	1187	02
PDY-1121D1	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SGC				D		CE-ML	1188	02
PENET A1	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1452.00 36.0	A H	A	ESF AUXSUP PAM	3.11-2	1976	03
PENET A2	ELECTRICAL PENETRA	POWER CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1454.00 36.0	A H	A	ESF AUXSUP PAM	3.11-2	1977	03

TAGS INCLUDED: PDY-1111D ----PENET A2
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 54-PENETRATIONS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
PENET A3	ELECTRICAL PENETRA	POWER CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1457.00 36.0	A	H	A	ESF AUXSUP PAM	3.11-2	1978	03
PENET A4	ELECTRICAL PENETRA	POWER CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1460.00 36.0	A	H	A	ESF AUXSUP PAM	3.11-2	1979	03
PENET A6	ELECTRICAL PENETRA	POWER CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1467.00 36.0	A	H	A	ESF AUXSUP PAM	3.11-2	1980	03
PENET A7	ELECTRICAL PENETRA	POWER CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1470.00 36.0	A	H	A	ESF AUXSUP PAM	3.11-2	1981	03
PENET A8	ELECTRICAL PENETRA	POWER CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1473.00 36.0	A	H	A	ESF AUXSUP PAM	3.11-2	1982	03
PENET B1	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1452.00 33.0	A	H	A	ESF AUXSUP PAM	3.11-2	1983	03
PENET B2	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1454.00 33.0	A	H	A	ESF AUXSUP PAM	3.11-2	1984	03
PENET B3	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1457.00 33.0	A	H	A	ESF AUXSUP PAM	3.11-2	1985	03
PENET B4	ELECTRICAL PENETRA	SEALED CONDUCT CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1460.00 33.0	A	H	A	ESF AUXSUP PAM	3.11-2	1189	03
PENET B5	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1464.00 33.0	A	H	A	ESF AUXSUP PAM	3.11-2	1986	03
PENET B6	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1467.00 33.0	A	H	A	ESF AUXSUP PAM	3.11-2	1987	03
PENET B7	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1470.00 33.0	A	H	A	ESF AUXSUP PAM	3.11-2	1190	03

SYSTEM # & NAME: 54-PENETRATIONS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X.Y.Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PENET B8	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1473.00 33.0	A	H	A	ESF AUXSUP PAM	3.11-2	1988	03
PENET B9	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1477.00 33.0	A	H	A	ESF AUXSUP PAM	3.11-2	1989	03
PENET C10	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1480.00 30.0	A	H	A	ESF AUXSUP PAM	3.11-2	1968	03
PENET C2	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1454.00 30.0	A	H	A	ESF AUXSUP PAM	3.11-2	1990	03
PENET C4	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1460.00 30.0	A	H	A	ESF AUXSUP PAM	3.11-2	1992	03
PENET C5	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1464.00 30.0	A	H	A	ESF AUXSUP PAM	3.11-2	1993	03
PENET C6	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1467.00 30.0	A	H	A	ESF AUXSUP PAM	3.11-2	1994	03
PENET C7	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1470.00 30.0	A	H	A	ESF AUXSUP PAM	3.11-2	1192	03
PENET C8	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1473.00 30.0	A	H	A	ESF AUXSUP PAM	3.11-2	1996	03
PENET C9	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1477.00 30.0	A	H	A	ESF AUXSUP PAM	3.11-2	1997	03
PENET D1	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1452.00 27.0	A	H	A	ESF AUXSUP PAM	3.11-2	1998	03
PENET D2	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1454.00 27.0	A	H	A	ESF AUXSUP PAM	3.11-2	1999	03

TAGS INCLUDED: PENET B8 ----PENET D2
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 54-PENETRATIONS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PENET D3	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1457.00 27.0	A	H	A	ESF AUXSUP PAM	3.11-2	1193	03
PENET D5	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1464.00 27.0	A	H	A	ESF AUXSUP PAM	3.11-2	1965	03
PENET D6	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1467.00 27.0	A	H	A	ESF AUXSUP PAM	3.11-2	1969	03
PENET D7	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1470.00 27.0	A	H	A	ESF AUXSUP PAM	3.11-2	1960	03
PENET D8	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1473.00 27.0	A	H	A	ESF AUXSUP PAM	3.11-2	1959	03
PENET D9	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1477.00 27.0	A	H	A	ESF AUXSUP PAM	3.11-2	1970	03
PENET ELEP-1	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1567.00 68.0	A	H	A	ESF AUXSUP PAM	3.11-2	1967	03
PENET E1	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1452.00 24.0	A	H	A	ESF AUXSUP PAM	3.11-2	1962	03
PENET E10	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1480.00 24.0	A	H	A	ESF AUXSUP PAM	3.11-2	1964	03
PENET E2	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1454.00 24.0	A	H	A	ESF AUXSUP PAM	3.11-2	1963	03
PENET E3	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1457.0 24.0	A	H	A	ESF AUXSUP PAM	3.11-2	1961	03
PENET E4	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1460.00 24.0	A	H	A	ESF AUXSUP PAM	3.11-2	1971	03

TAGS INCLUDED: PENET D3 ----PENET E4
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 54-PENETRATIONS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PENET E5	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1464.00 24.0	A	H	A	ESF AUXSUP PAM	3.11-2	1972	03
PENET E6	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1467.00 24.0	A	H	A	ESF AUXSUP PAM	3.11-2	1194	03
PENET E7	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1470.00 24.0	A	H	A	ESF AUXSUP PAM	3.11-2	1973	03
PENET E8	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1473.00 24.0	A	H	A	ESF AUXSUP PAM	3.11-2	1974	03
PENET E9	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1477.00 24.0	A	H	A	ESF AUXSUP PAM	3.11-2	1975	03
PENET PLEP-1	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 ADJACENTO AB25	A	H	A	ESF AUXSUP PAM	3.11-2	1966	03
PI-07-4A DELETE	PRESSURE IN DICATING C	CONTAINMENT/SU MP PRESSURE	SIGMA	9264	AB26	581.0 1403.0 62.0	E	M	D	PAM	7.5-1	1195	01
PI-07-5A DELETE	PRESSURE IN DICATING C	CONTAINMENT/SU MP PRESSURE	SIGMA	9264	AB26	581.0 1403.0 62.0	E	M	D	PAM	7.5-1	1196	01
PI-08-5	PRESSURE IN DICATING C	STEAM PRESSURE TO AUX FEED P UMP 2C	SIGMA	BY FIELD	AB26	555.0 1427.0 62.0	E	M	D	SD	7.5-1	1197	01
PI-09-8A	FLOW INDICA TING CONTR	AUX FEEDWATER HDR A FLOW-PRE SSURE	SIGMA	9264-00-ED		********* ********* ******			D	SD	7.5-1	1198	01
PI-09-8B	FLOW INDICA TING CONTR	AUX FEEDWATER HDR B FLOW-PRE SSURE	SIGMA	9264-00-ED		********* ********* ******			D	SD	7.5-1	1199	01
PI-09-8C	PRESSURE IN DICATING C	AUX FEEDWATER HDR C FLOW-PRE SSURE	SIGMA	9264-00-ED					D	SD	7.5-1	1200	02

TAGS INCLUDED: PENET E5 ----PI-09-8C
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-REACTOR COOLANT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PI-1102A	PRESS DIFFE R'TL INDICA	PRESSURIZER PR ESS		BY FIELD	AB26	573.0 1424.0 62.0	E	M	D	RPS ESF	7.5-1	1201	01
PI-1102B	PRESS DIFFE R'TL INDICA	PRESSURIZER PR ESS		BY FIELD	AB26	573.0 1424.0 62.0	E	M	D	RPS ESF	7.5-1	1202	01
PI-1102C	PRESS DIFFE R'TL INDICA	PRESSURIZER PR ESS		BY FIELD	AB26	573.0 1424.0 62.0	E	M	D	RPS ESF	7.5-1	1203	01
PI-1102D	PRESS DIFFE R'TL INDICA	PRESSURIZER		BY FIELD	AB26	573.0 1424.0 62.0	E	M	D	RPS ESF	7.5-1	1204	01
PI-1103	PRESSURE IN DICATING C	PRESSURIZER PR ESS	SIGMA	9264X-00-E					D		CE-ML	1205	02
PI-1104	PRESSURE IN DICATING C	LATER	SIGMA	9264X-00-E					D		CE-ML	1206	02
PI-1105	PRESSURE IN DICATING C	LATER	SIGMA	9264X-00-E					D		CE-ML	1207	02
PI-1106	PRESSURE IN DICATING C	LATER	SIGMA	9264X-00-E					D		CE-ML	1208	02
PI-1107	PRESS DIFFE R'TL INDICA	RCS PRESSURE		BY FIELD	AB27	519.0 1391.0 43.0	E	M	D	SD	7.5-1	1209	01
PI-1107(.1)	PRESS DIFFE R'TL INDICA	PRESSURIZER		BY FIELD					D		7.5-1	1210	1
PI-1108	PRESS DIFFE R'TL INDICA	PRESSURIZER		BY FIELD	AB27	519. 1391. 43.0	E	M	D	SD	7.5-1	1211	1
PI-1108(.1)	PRESS DIFFE R'TL INDICA	PRESSURIZER		BY FIELD		1			D		7.5-1	1212	1

TAGS INCLUDED: PI-1102A ----PI-1108(.1)
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PI-3304	PRESS DIFFE R'TL INDICA	LPSI HEADER 2B PRESSURE		BY FIELD	AB26	581. 1403. 62.0	E	M	D	ESF SD PAM	7.5-1	1213	1
PI-3307	PRESS DIFFE R'TL INDICA	LPSI HEADER 2A PRESSURE		BY FIELD	AB26	581. 1403. 62.0	E	M	D	ESF SD PAM	7.5-1	1214	1
PI-3308	PRESS DIFFE R'TL INDICA	HPSI HDR. A PR ESS		BY FIELD	AB26	581. 1403. 62.0	E	M	D	ESF PAM	7.5-1	1215	1
PI-3309	PRESS DIFFE R'TL INDICA	HPSI PUMP 2B H DR PRESSURE		BY FIELD	AB26	581. 1403. 62.0	E	M	D	ESF PAM	7.5-1	1216	1
PI-8013A	PRESSURE IN DICATING C	CONTAINMENT RA DIATION	SIGMA	9262-00-E	AB26	581. 1403. 62.0	E	M	D	RPS ESF	7.5-1	1217	1
PI-8013B	PRESSURE IN DICATING C	STEAM GENERATO R 2A PRESSURE	SIGMA	9262-00-E	AB26	581. 1403. 62.0	E	M	D	RPS ESF	7.5-1	1218	1
PI-8013C	PRESSURE IN DICATING C	S.G. #2A PRESS	SIGMA	9262-00-E	AB26	581. 1403. 62.0	E	M	D	RPS ESF	7.5-1	1219	1
PI-8013D	PRESSURE IN DICATING C	S.G. #2A PRESS	SIGMA	9262-00-E	AB26	581. 1403. 62.0	E	M	D	RPS ESF	7.5-1	1220	1
PI-8023A	PRESSURE IN DICATING C	STEAM GENERATO R 2B PRESSURE	SIGMA	9262-00-E	AB26	581.0 1403.0 62.0	E	M	D	RPS ESF	7.5-1	1221	02
PI-8023B	PRESSURE IN DICATING C	STEAM GENERATO R 2A PRESSURE	SIGMA	9262-00-E	AB26	581.0 1403.0 62.0	E	M	D	RPS ESF	7.5-1	1222	02
PI-8023C	PRESSURE IN DICATING C	S.G. #2B PRESS	SIGMA	9262-00-E	AB26	581.0 1403.0 62.0	E	M	D	RPS ESF	7.5-1	1223	02
PI-8023D	PRESSURE IN DICATING C	S.G. #2B PRESS	SIGMA	9262-00-E	AB26	581.0 1403.0 62.0	E	M	D	RPS ESF	7.5-1	1224	02

TAGS INCLUDED: PI-3304 ----PI-8023D
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 08-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PI-8113	PRESS DIFFE R'TL INDICA	STEAM GEN ZA		BY FIELD	AB27	519.0 1391.0 43.0	E	M	D	SD	7.5-1	1225	02
PI-8123	PRESS DIFFE R'TL INDICA	STEAM GEN 2B		BY FIELD	AB27	519.0 1391.0 43.0	E	M	D	AUXSUP	7.5-1	1226	02
PIA-1102A	PRESSURE IN DICATG ALAR	THERMAL MARGIN LOW PRESS SET TING	SIGMA	9262-20-D	AB26	573.0 1424.0 62.0	E	M	D	RPS	7.5-1	1227	01
PIA-1102B	PRESSURE IN DICATG ALAR	THERMAL MARGIN LOW PRESSSETT ING	SIGMA	9262-20-D	AB26	573.0 1424.0 62.0	E	M	D	RPS	7.5-1	1228	01
PIA-1102BLL	PRESS DIFFE R'TL INDICA	PRESSURIZER PR ESSURE		BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	RPS ESF	7.5-1	1229	02
PIA-1102C	PRESSURE IN DICATG ALAR	THERMAL MARGIN LOW PRESS SET TING	SIGMA	9262-20-D	AB26	573.0 1424.0 62.0	E	M	D	RPS	7.5-1	1230	01
PIA-1102CLL	PRESS DIFFE R'TL INDICA	PRESSURIZER PR ESSURE		BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	RPS ESF	7.5-1	1231	01
PIA-1102D	PRESSURE IN DICATG ALAR	THERMAL MARGIN LOW PRESS SET TING	SIGMA	9262-20-D		********* ********* ******			D	RPS	7.5-1	1232	01
PIA-1102DLL	PRESS DIFFE R'TL INDICA	PRESSURIZER PR ESS		BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	RPS ESF	7.5-1	1233	02
PIA-2212	PRESS DIFFE R'TL INDICA	CHARGING HEADE R PRESSURE		BY FIELD	AB26	581.0 1413.0 62.0	E	M	D	SD	7.5-1	1234	01
PIC-08-1A(202)	PRESSURE IN DICATING C	STEAM GENERATO R 2A ATMOS STE AM DUMP	FISCHER & P ORTER	53EG3311	AB26	563.0 1427.0 62.0	E	M	D	SD	7.5-1	1235	01
PIC-08-1B(202)	PRESSURE IN DICATING C	STEAM GENERATO R 2B ATMOS STE AM DUMP	FISCHER & P ORTER	53EG3311	AB26	563.0 1427.0 62.0	E	M	D	SD	7.5-1	1236	01

TAGS INCLUDED: PI-8113 ----PIC-08-1B(202)
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-REACTOR COOLANT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PIC-1103	PRESSURE INDICATING C	PRESSURIZER		BY FIELD	AB26	573.0 1424.0 62.0	E	M	D	SD	7.5-1	1237	01
PIC-1104	PRESSURE INDICATING C	PRESSURIZER		BY FIELD	AB26	573.0 1424.0 62.0	E	M	D	SD	7.5-1	1238	01
PIC-1105	CONTROLER	PRESSURIZER PRESS		BY FIELD					D	SD	7.5-1	1239	01
PIC-1106	PRESSURE INDICATING C	PRESSURIZED PRESS		BY FIELD					D	SD	7.5-1	1240	01
PIS-07-2A(206.A(206).H)	LEVEL INDIC ATG SWITCH	CONTAINMENT PRESSURE	SIGMA	9262X		******** ******** ******			D	RPS ESF	7.5-1	1241	01
PIS-07-2B(206.A(206).H)	LEVEL INDIC ATG SWITCH	CONTAINMENT PRESSURE	SIGMA	9262X		******** ******** ******			D	RPS ESF	7.5-1	1242	01
PIS-07-2C(206.A(206).H)	LEVEL INDIC ATG SWITCH	CONTAINMENT PRESSURE	SIGMA	9262X		******** ******** ******			D	RPS ESF	7.5-1	1243	01
PIS-07-2D(206.A(206).H)	LEVEL INDIC ATG SWITCH	CONT. PRESSURE	SIGMA	9262X		******** ******** ******			D	RPS ESF	7.5-1	1244	01
PIS-07-3A (206)	PRESSURE INDICATG SWIT	CONTAINMENT SPRAY HDR A PRESSURE	SIGMA	BY FIELD		******** ******** ******			D	ESF	7.5-1	1245	01
PIS-07-3B (206)	PRESSURE INDICATG SWIT	CONTAINMENT SPRAY HDR B PRESSURE	SIGMA	BY FIELD		******** ******** ******			D	ESF	7.5-1	1246	01
PIS-21-8A(202,A.L)	PRESSURE INDICATG SWIT	INTAKE COOL WATER DISCH HDR A PRESS		BY FIELD		******** ******** ******			D	AUXSUP	7.5-1	1247	01
PIS-21-8B(202,A.L)	PRESSURE INDICATG SWIT	INTK.CLG.WTR.HDR. A		BY FIELD		******** ******** ******			D	AUXSUP	7.5-1	1248	01

TAGS INCLUDED: PIC-1103 ----PIS-21-8B(202,A
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 53-CABLE & RACEWAY

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X.Y.Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
POLYWATER	CABLE PULLING LUBRICA	REDUCES FRICTION WHILE INSTALLING	POLYWATER	POLYWATER	RB15	650. 1452. 24.0	A	H	B		3.11-2	0021	03
PP 201	AC/DC PANELS	CL IE PWR	SYSTEMS CONTROL	BY FIELD	AB26	599.0 1434.0 43.0	E	M	D		3.112	1249	02
PP 201 XFMR	TRANSFORMER	CL IE PWR	SQUARE D CO	148722	AB26	589.0 1434.0 43.0	E	M	D		3.112	1250	02
PP 202	AC/DC PANELS	LATER	SYSTEMS CONTROL	BY FIELD	AB26	544.0 1414.0 43.0	E	M	D		3.112	1251	02
PP 202 XFMR		LATER	SQUARE D CO	148722	AB26	552.0 1416.0 43.0	E	M	D		3.112	1252	02
PP 203	AC/DC PANELS	LATER	SYSTEMS CONTROL	BY FIELD	AB26	591.0 1388.0 43.0	E	M	D		3.112	1253	02
PP 203 XFMR		LATER	SQUARE D CO	148722	AB26	594.0 1389.0 50.0	E	M	D		3.112	1254	02
PP 206	AC/DC PANELS	LATER	SYSTEMS CONTROL	BY FIELD	AB27	586.0 1459.0 46.0	E	M	D		3.112	1255	02
PP 211	AC/DC PANELS	LATER	SYSTEMS CONTROL	BY FIELD	DG01	514.0 1699.0 28.0	G	M	D		3.112	1256	02
PP 211 XFMR		LATER	SQUARE D CO	148722	DG01	514.0 1699.0 30.0	G	M	D		3.112	1257	02
PP 212	AC/DC PANELS	LATER	SYSTEMS CONTROL	BY FIELD	DG01	482.0 1699.0 28.0	G	M	D		3.112	1258	02
PP 212 XFMR		LATER	SQUARE D CO	148722	DG01	482.0 1699.0 30.0	G	M	D		3.112	1259	02

TAGS INCLUDED: POLYWATER ----PP 212 XFMR
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 50-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X.Y.Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PP 223	AC/DC PANEL S	LATER	SYSTEMS CONTROL	BY FIELD	AB26	545.0 1428.0 46.0	E	M	D		3.112	1260	02
PP 232	AC/DC PANEL S	LATER	SYSTEMS CONTROL	BY FIELD	AB26	545.0 1430.0 46.0	E	M	D		3.112	1261	02
PP 233	AC/DC PANEL S	LATER	SYSTEMS CONTROL	BY FIELD	AB26	573.0 1397.0 46.0	E	M	D		3.112	1262	02
PP 238	AC/DC PANEL S	LATER	SYSTEMS CONTROL	BY FIELD	AB26	598.0 1441.0 48.0	E	M	D		3.112	1263	02
PP 239	AC/DC PANEL S	LATER	SYSTEMS CONTROL	BY FIELD	AB26	545.0 1407.0 43.0	E	M	D		3.112	1264	02
PP 240	AC/DC PANEL S	LATER	SYSTEMS CONTROL	BY FIELD	AB26	545.0 1426.0 47.0	E	M	D		3.112	1265	02
PP 243	AC/DC PANEL S	LATER	SYSTEMS CONTROL	BY FIELD	AB27	588.0 1459.0 46.0	E	M	D		3.112	1266	02
PP 250	AC/DC PANEL S	LATER	SYSTEMS CONTROL	BY FIELD	FH21	632.0 1599.0 54.0	F	M	D		3.112	1267	02
PP 250 XFMR		LATER	SQUARE D CO	148722	FH21	632.0 1599.0 57.0	F	M	D		3.112	1268	02
PP 251	AC/DC PANEL S	LATER	SYSTEMS CONTROL	BY FIELD	FH21	634.0 1620.0 54.0	F	M	D		3.112	1269	02
PP 251 XFMR		LATER	SQUARE D CO	148722	FH21	634.0 1620.0 57.0	F	M	D		3.112	1270	02
PR-07-4B	FLOW RECORDING	CONTAINMENT/SUMP PRESSURE	WESTINGHOUSE	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	PAM	7.5-1	1271	02

TAGS INCLUDED: PP 223 ----PR-07-4B
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 07-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PR-07-5B	FLOW RECORDING	CONT. SUMP PRESS	WESTINGHOUSE	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	PAM	7.5-1	1272	02
PR-1107	FLOW RECORDING	PRESSURIZER	FOXBORO INSTRUMENT COM	M/226-01.02		******** ******** ******			D	PAM	7.5-1	1273	01
PR-25-1A	FLOW RECORDING	CONTROL ROOM TRAIN A PRE HEPA FILTER	WESTRONICS	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	1274	01
PR-25-1A	FLOW RECORDING	CONTROL ROOM TRAIN A PRE HEPA FILTER	WESTRONICS	BY FIELD					D	AUXSUP	7.5-1	1275	01
PR-25-1B	FLOW RECORDING	CONTROL ROOM TRAIN B PRE HEPA FILTER	WESTRONICS	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	1276	01
PR-25-1B	FLOW RECORDING	CONTROL ROOM TRAIN B PRE HEPA FILTER	WESTRONICS	BY FIELD					D	AUXSUP	7.5-1	1278	01
PR-25-1B	FLOW RECORDING	CONTROL ROOM TRAIN B PRE HEPA FILTER	WESTRONICS	BY FIELD					D	AUXSUP	7.5-1	1277	01
PR-3301	FLOW RECORDING	LPSI HEADER 2A PRESSURE	FOXBORO INSTRUMENT COM	M/226-01.02		******** ******** ******			D	PAM	7.5-1	1279	01
PR-3302	FLOW RECORDING	LPSI HEADER 2B PRESSURE	FOXBORO INSTRUMENT COM	M/226-01.02		******** ******** ******			D		7.5-1	1280	01
PR-3305	FLOW RECORDING	HPSI PUMP 2A HDR PRESSURE	FOXBORO INSTRUMENT COM	M/226-01.02	AB26	581.0 1403.0 62.0	E	M	D	PAM	7.5-1	1281	01
PR-3306	FLOW RECORDING	HPSI PUMP 2B HDR PRESSURE	FOXBORO INSTRUMENT COM	M/226-01.02	AB26	581.0 1403.0 62.0	E	M	D	ESF PAM	7.5-1	1282	01
PR-8013D	FLOW RECORDING	STEAM GENERATOR 2A/2B PRESSURE	FOXBORO INSTRUMENT COM	M/226-01.02	AB26	581.0 1403.0 62.0	E	M	D	PAM	7.5-1	1283	02

TAGS INCLUDED: PR-07-5B ----PR-8013D
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 08-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
PR-8023D	FLOW RECORDING	STEAM GENERATOR 2A/2B PRESSURE	FOXBORO INSTRUMENT COM	M/226-01.02	AB26	581.0 1403.0 62.0	E	M	D	PAM	7.5-1	1284	02
PS-08-12A	PRESSURE SWITCH	ISOL VLV AIR SUPPLY TO HVAC-08-1A	ITT/BARTON	580-1	TB23	737.0 1390.0 46.0	K	H	C	ESF	MRL	1285	02
PS-08-12B	PRESSURE SWITCH	ISOL VLV AIR SUPPLY TO HVAC-08-1A	ITT/BARTON	580-1	TB23	687.0 1382.0 46.0	K	H	C	ESF	MRL	1286	02
PS-08-6	PRESSURE SWITCH	STM-INLET-TO AUX-FEED-PUMP	ITT/BARTON	580-1	TB23	709.0 1418.0 23.0	K	H	C	ESF	MRL	1287	02
PS-1180	PRESSURE SOLENOID	GASKET LEAKAGE PR/PRESSURE SWITCH	AUTOMATIC SWITCH CONTR	SB12BR/TN10 A32	RB17	636.0 1486.0 62.0	A	H	C		7.5-	1288	02
PS-12-17A	PRESSURE SWITCH	AUX FW PUMP 2A SUCTION	ITT/BARTON	580-1	TB23	693.0 1416.0 23.0	K	H	C	ESF	MRL	1289	02
PS-12-17B	PRESSURE SWITCH	AUX FW PUMP 2B SUCTION	ITT/BARTON	580-1	TB23	675.0 1416.0 23.0	K	H	C	ESF	MRL	1290	02
PS-12-17C	PRESSURE SWITCH	AUX FW PUMP 2C SUCTION	ITT/BARTON	580-1	TB23	709.0 1418.0 23.0	K	H	C	ESF	MRL	1291	02
PS-21-4A	PRESSURE SOLENOID	LUBE WTR TO INTAKE CLG WTR PUMP2A LOANN	ITT/BARTON	580-1	IT05	623.0 1040.0 17.0	I	M	D		MRL	1292	02
PS-21-4B	PRESSURE SOLENOID	LUBE WTR TO INTAKE CLG WTR PUMP 2B LOANN	ITT/BARTON	580-1	IT05	650.0 1040.0 17.0	I	M	D		MRL	1293	02
PS-21-4C	PRESSURE SOLENOID	LUBE WTR TO INTAKE CLG WTR PUMP 2C LOANN	ITT/BARTON	580-1	IT05	637.0 1040.0 17.0	I	M	D		MRL	1294	02
PS-2224X	PRESSURE SWITCH	CP 2A SUCTION PR	ALLEN BRADLEY	836C-62J	AB24	547.0 * 1558.0 * 15.0	D	H	C	ESF	CE-ML	1295	02

TAGS INCLUDED: PR-8023D ----PS-2224X
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 02-CHEMICAL&VOL CONTROL

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
PS-2224Y	PRESSURE SWITCH	CP 2B SUCTION PR	ALLEN BRADLEY	836C-62J	AB24	563.0 * 1558.0 * 5.0	D	H	C	ESF	CE-ML	1296	02
PS-2224Z	PRESSURE SWITCH	CP 2C SUCTION PR	ALLEN BRADLEY	836C-62J	AB24	572.0 * 1558.0 * 5.0	D	H	C	ESF	CE-ML	1297	02
PS-23-3	PRESSURE SOLENOID	STM GEN BLOW DOWN VLV INTERLOCK	ITT/BARTON	580-1	AB25	580.0 1539.0 20.0	E	M	D		MRL	1298	01
PS-23-4	PRESSURE SOLENOID	STM GEN BLOW DOWN VLV INTERLOCK	ITT/BARTON	580-1	AB25	582.0 1533.0 20.0	E	M	D		MRL	1299	01
PS-23-5	PRESSURE SOLENOID	STM GEN BLOW DOWN VLV INTERLOCK	ITT/BARTON	580-1	AB25	580.0 1539.0 20.0	E	M	D		MRL	1300	01
PS-23-6	PRESSURE SOLENOID	STM GEN BLOW DOWN VLV INTERLOCK	ITT BARTON	580-1	AB25	582.0 1533.0 20.0	E	M	D		MRL	1301	01
PS-25-12A	PRESSURE SWITCH	INST AIR LINE	ITT/BARTON	580-1	RB19	741.0 1451.0 72.0	A	H	C	ESF	MRL	1302	02
PS-25-12B	PRESSURE SWITCH	INST AIR LINE	ITT BARTON	580-1	RB19	733.0 1443.0 72.0	A	H	C	ESF	MRL	1305	02
PT-07-2A	PRESSURE TRANSMI	CONTAINMENT PRESSURE FLUID-AIR(100%	ROSEMOUNT	1153DB5 SEE NOT	AB25	610.0 1480.0 20.0	E	H	A	RPS ESF	7.3-2	1306	03
PT-07-2B	PRESSURE TRANSMI	CONTAINMENT PRESSURE FLUID-AIR(100%	ROSEMOUNT	1153DB5 SEE NOT	AB25	610.0 1480.0 20.0	E	H	A	RPS ESF	7.3-2	1307	03
PT-07-2C	PRESSURE TRANSMI	CONTAINMENT PRESSURE FLUID-AIR(100%	ROSEMOUNT	1153DB5 SEE NOT	AB25	610.0 1480.0 20.0	E	H	A	RPS ESF	7.3-2	1308	03
PT-07-2D	PRESSURE TRANSMI	CONTAINMENT PRESSURE FLUID-AIR(100%	ROSEMOUNT	1153DB5 SEE NOT	AB25	610.0 0 1480.00 20.0	E	H	A	RPS ESF	7.3-2	1309	03

TAGS INCLUDED: PS-2224Y ----PT-07-2D
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 08-MAIN STEAM

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PT-08-1A	PRESSURE TRANSMI	STM GENERATOR 2A OUTLET PRESSURE	ROSEMOUNT	1153GB9 S/N-386	TB23	693.0 1416.0 23.0	K	H	A	RPS ESF	7.3-2	1310	03
PT-08-1B	PRESSURE TRANSMI	STM GENERATOR 2B OUTLET PRESSURE	ROSEMOUNT	1153GB9 S/N 384	TB23	675.0 1416.0 23.0	K	H	A	RPS ESF	7.3-2	1311	03
PT-08-3A	PRESSURE TRANSMI	MAIN STEAM PRESS	ROSEMOUNT	1153GB9 S/N-386	TB23	693.0 1416.0 23.0	K	H	A	RPS ESF	7.3-2	1312	03
PT-08-3B	PRESSURE TRANSMI	MAIN STEAM PRESS	ROSEMOUNT	1153GB9	TB23	709.0 1418.0 23.0	K	H	A	RPS ESF	7.3-2	1313	03
PT-08-5	PRESSURE TRANSMI	STM INLET TO AUX FWP TURBINE	ROSEMOUNT	1153GB9 S/N-386	TB23	709.0 1418.0 23.0	K	H	A	RPS ESF	7.3-2	1314	03
PT-09-8A	PRESSURE TRANSMI	AUX FEED WATER PUMP 2A DISCH	ROSEMOUNT	1153GB9 S/N-386	TB23	693.0 1416.0 23.0	K	H	A	RPS ESF	7.3-2	1315	03
PT-09-8B	PRESSURE TRANSMI	AUX FEED WATER PUMP 2B DISCH	ROSEMOUNT	1153GB9 S/N-386	TB23	675.0 1416.0 23.0	K	H	A	RPS ESF	7.3-2	1316	03
PT-09-8C	PRESSURE TRANSMI	AUX FEED WATER PUMP 2C DISCH	ROSEMOUNT	1153GB9 S/N-386	TB23	709.0 1418.0 23.0	K	H	A	RPS ESF	7.3-2	1317	03
PT-1102A	PRESSURE TRANSMI	PRESURIZER PRE SSURE	ITT BARTON	763 1005	RB17	658.0 1545.0 62.0	A	H	A	ESF	MRL	1318	03
PT-1102B	PRESSURE TRANSMI	PRESURIZER PRE SSURE	ITT BARTON	763 1006	RB17	651.0 1540.0 65.0	A	H	A	ESF	MRL	1319	03
PT-1102C	PRESSURE TRANSMI	PRESURIZER PRE SSURE	ITT BARTON	763 1007	RB15	667.0 * 1551.0 * 18.0	A	H	A	ESF	JMG	1320	03
PT-1102D	PRESSURE TRANSMI	PRESURIZER PRE SSURE	ITT BARTON	763 1008	RB17	651.0 1543.0 62.0	A	H	A	ESF	JMG	1321	03

TAGS INCLUDED: PT-08-1A ----PT-1102D
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-REACTOR COOLANT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PT-1103	PRESSURE TRANSMI	PRESSURIZER PRESSURE	ITT BARTON	763 1009	RB17	659.0 1545.0 62.0	A	H	A	ESF	CE-ML	1322	03
PT-1104	PRESSURE TRANSMI	PRESSURIZER PRESSURE	ITT BARTON	763 1010	RB17	659.0 1545.0 62.0	A	H	A	ESF	CE-ML	1323	03
PT-1105	PRESSURE TRANSMI	PRESSURIZER PRESSURE	ITT BARTON	763 1025	RB17	651.0 1542.0 62.0	A	H	A	ESF	CE-ML	1324	03
PT-1106	PRESSURE TRANSMI	PRESSURIZER PRESSURE	ITT BARTON	763 1026	RB17	651.0 1542.0 62.0	A	H	A	ESF	CE-ML	1325	03
PT-1107	PRESSURE TRANSMI	PRESSURIZER PRESSURE	ITT BARTON	763 1011	RB17	651.0 1542.0 62.0	A	H	A	ESF	CE-ML	1326	03
PT-1108	PRESSURE TRANSMI	PRESSURIZER PRESSURE	ITT BARTON	763 1012	RB17	659.0 1545.0 62.0	A	H	A	ESF	CE-ML	1327	03
PT-21-8A	PRESSURE TRANSMITTER	INTAKE COOLING WATER DISCH HDR PRESSURE	ITT BARTON	763	IT05	657.0 1056.0 17.0	I	M	D		CE-ML	1328	01
PT-21-8B	PRESSURE TRANSMITTER	INTAKE COOLING WATER DISCH HDR PRESSURE	ITT BARTON	763	IT05	657.0 1054.0 17.0	I	M	D		CE-ML	1329	01
PT-2212	PRESSURE TRANSMI	CP DISCH PRESSURE	ROSEMOUNT	1153GB9	AB24	577.0 1557.0 5.0	D	H	A	RPS ESF	7.3-2	1330	03
PT-3301	PRESSURE TRANSMITTER	LPSI HEADER A PRESSURE	ROSEMOUNT	1153GB8	AB24	542.0 1485.0 -1.0	E	M	D		7.3-2	1331	01
PT-3302	PRESSURE TRANSMITTER	LPSI HEADER B PRESSURE	ROSEMOUNT	1153GB8					D		7.3-2	1332	01
PT-3304	PRESSURE TRANSMITTER	LPSI HEADER B PRESSURE	ROSEMOUNT	1153GB8	AB24	542.0 1485.0 -1.0	E	M	D		7.3-2	1333	01

TAGS INCLUDED: PT-1103 ----PT-3304
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PT-3305	PRESSURE TRANSMITTER	HPSI HEADER A PRESSURE	ROSEMOUNT	1153GB9	AB24	542.0 1508.0 -1.0	E	M	D		7.3-2	1334	01
PT-3306	PRESSURE TRANSMITTER	HPSI HEADER B PRESSURE	ROSEMOUNT	1153GB9	AB24	542.0 1514.0 -1.0	E	M	D		7.3-2	1335	01
PT-3307	PRESSURE TRANSMITTER	LPSI HEADER A PRESSURE	ROSEMOUNT	1153GB8	AB24	542.0 1466.0 -1.0	E	M	D		7.3-2	1336	01
PT-3308	PRESSURE TRANSMITTER	HPSI A PRESSURE	ROSEMOUNT	1153GB9	AB24	542.0 1514.0 -1.0	E	M	D		7.3-2	1337	01
PT-3309	PRESSURE TRANSMITTER	HPSI B PRESSURE	ROSEMOUNT	1153GB9	AB24	542.0 1508.0 -1.0	E	M	D		7.3-2	1338	01
PT-8013A	PRESSURE TRANSMI	STEAM GENERATR PRESS.	ITT BARTON	763 1015	RB16	741.0 1496.0 45.0	A	H	A	ESF	7.3-1	1339	03
PT-8013B	PRESSURE TRANSMI	STEAM GENERATR PRESS.	ITT BARTON	763 1016	RB16	736.0 1477.0 45.0	A	H	A	ESF	7.3-1	1340	03
PT-8013C	PRESSURE TRANSMI	STEAM GENERATR PRESS.	ITT BARTON	763 1017	RB16	740.0 1509.0 45.0	A	H	A	ESF	7.3-1	1341	03
PT-8013D	PRESSURE TRANSMI	STEAM GENERATOR PRESS.	ITT BARTON	763 1018	RB16	737.0 1480.0 45.0	A	H	A	ESF	7.3-1	1342	03
PT-8023A	PRESSURE TRANSMI	STEAM GENERATOR PRESS.	ITT BARTON	763 1019	RB16	633.0 1505.0 48.0	A	H	A	ESF	7.3-1	1343	03
PT-8023B	PRESSURE TRANSMI	STEAM GENERATOR PRESS.	ITT BARTON	763 1020	RB16	634.0 1493.0 45.0	A	H	A	ESF	MRL	1344	03
PT-8023C	PRESSURE TRANSMI	STEAM GENERATOR PRESS.	ITT BARTON	763 1021	RB15	636.0 1537.0 21.0	A	H	A	ESF	7.3-1	1345	03

TAGS INCLUDED: PT-3305 ----PT-8023C
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 08-MAIN STEAM

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X.Y.Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PT-8023D	PRESSURE TRANSMI	STEAM GENERATOR PRESS.	ITT BARTON	763 1022	RB16	635.0 1513.0 48.0	A	H	A	ESF	7.3-1	1346	03
PT-8113	PRESSURE TRANSMI	STEAM GENERATOR MAIN STEAM	ITT BARTON	763 1014	RB16	739.0 1488.0 45.0	A	H	A	ESF	CE-ML	1347	03
PT-8123	PRESSURE TRANSMI	STEAM GENERATOR MAIN STEAM	ITT BARTON	763	RB17	634.0 1504.0 66.0	A	H	A	ESF	CE-ML	1348	03
PY-07-2A	PRESS CNVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	THE CONTROL ROOM	C		D		CE-ML	1349	02
PY-07-2A-1	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1350	02
PY-07-2A-2	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1351	02
PY-07-2B	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	1352	02
PY-07-2B-1	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1353	02
PY-07-2B-2	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1354	02
PY-07-2C	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	1355	02
PY-07-2C-1	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1356	02
PY-07-2C-2	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1357	02

TAGS INCLUDED: PT-8023D ----PY-07-2C-2
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 07-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PY-07-2D	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	1358	02
PY-07-2D-1	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1359	02
PY-07-2D-2	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1360	02
PY-1102A	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V	AB26	581.0 1403.0 62.0	E	M	D		CE-ML	1361	01
PY-1102A-1	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1362	02
PY-1102A-2	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1363	02
PY-1102B	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V	AB26	581.0 1403.0 62.0	E	M	D		CE-ML	1364	01
PY-1102B-1	PRESSURE CO NVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1365	02
PY-1102B-2	PRESSURE CO NVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1366	02
PY-1102C	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V	AB26	581.0 1403.0 62.0	E	M	D		CE-ML	1367	01
PY-1102C-1	PRESSURE CO NVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1368	02
PY-1102C-2	PRESSURE CO NVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1369	02

TAGS INCLUDED: PY-07-2D ----PY-1102C-2
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-REACTOR COOLANT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PY-1102D	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V	AB26	581.0 1403.0 62.0	E	M	D		CE-ML	1370	01
PY-1102D-1	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1371	1
PY-1102D-2	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1372	1
PY-1103	PRESS CNVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	595 S 1391 62	C		D		CE-ML	1373	1
PY-1103	PRESS CNVERTER	SIGNAL CONDITIONERS	FOXBORO INSTRUMENT COM	2AI-12V	AB26	595S 1391 62	C		D		CE-ML	373	1
PY-1103-1	PRESS CNVERTER	SIGNAL CONDITIONERS	FOXBORO INSTRUMENT COM	2AO-V21			C		D		CE-ML	374	1
PY-1103-1	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1374	1
PY-1104-1	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21		0 0			D		CE-ML	1376	1
PY-1105	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V		N		S	D		CE-ML	1377	1
PY-1105	PRESS CNVERTER	SIGNAL CONDITIONERS	FOXBORO INSTRUMENT COM	2AI-12V		N	C	S	D		CE-ML	377	1
PY-1105-1	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1378	1
PY-1105-1	PRESS CNVERTER	SIGNAL CONDITIONERS	FOXBORO INSTRUMENT COM	2AO-V21			C		D		CE-ML	378	1

TAGS INCLUDED: PY-1102D ----PY-1105-1
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: - 02/2 1 HELIFL

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PY-1106	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	1379	1
PY-1106-1	PRESS CNVERTER	SIGNAL CONDITIONERS	FOXBORO INSTRUMENT COM	2AO-V21		O	C		D		CE-ML	380	1
PY-1106-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21		O			D		CE-ML	1380	1
PY-1107	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	1381	02
PY-1107-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-VAI-92					D		CE-ML	1382	02
PY-1108	PRESS CNVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	595 1391 62	E	M	D		CE-ML	1383	02
PY-1108-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-VAI-92					D		CE-ML	1384	02
PY-21-8A	PRESS CNVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	595 1391 62	E	M	D		CE-ML	1385	02
PY-21-8B	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	1386	02
PY-2212	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	1387	02
PY-3301	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	1388	02
PY-3302	PRESS CNVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	595 1391 62	E	M	D		CE-ML	1389	02

TAGS INCLUDED: PY-1106 ----PY-3302
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PY-3304	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	1390	02
PY-3305	PRESS CNVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	595 1391 62	E	M	D		CE-ML	1391	02
PY-3306	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	1392	02
PY-3307	PRESS CNVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	595 1391 62	E	M	D		CE-ML	1393	02
PY-3308	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	1394	02
PY-3309	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	1395	02
PY-8013A	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V	AB26	581.0 1403.0 62.0	E	M	D		CE-ML	1396	02
PY-8013A-1	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1397	02
PY-8013A-2	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1398	02
PY-8013B	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V	AB26	581.0 1403.0 62.0	E	M	D		CE-ML	1399	02
PY-8013B-1	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1400	02
PY-8013B-2	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1401	02

TAGS INCLUDED: PY-3304 ----PY-8013B-2
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 08-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PY-8013C	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V	AB26	581.0 1403.0 62.0	E	M	D		CE-ML	1402	02
PY-8013C-1	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1403	02
PY-8013C-2	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1404	02
PY-8013D	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V	AB26	581.0 1403.0 62.0	E	M	D		CE-ML	1405	02
PY-8013D-1	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1406	02
PY-8013D-2	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1407	02
PY-8023A	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V	AB26	581.0 1403.0 62.0	E	M	D		CE-ML	1408	02
PY-8023A-1	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1409	02
PY-8023A-2	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1410	02
PY-8023B	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V	AB26	581.0 1403.0 62.0	E	M	D		CE-ML	1411	02
PY-8023B-1	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1412	02
PY-8023B-2	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1413	02

TAGS INCLUDED: PY-8013C ----PY-8023B-2
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 08-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PY-8023C	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V	AB26	581.0 1403.0 62.0	E	M	D		CE-ML	1414	02
PY-8023C-1	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1415	02
PY-8023C-2	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1416	02
PY-8023D	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V	AB26	581.0 1403.0 62.0	E	M	D		CE-ML	1417	02
PY-8023D-1	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1418	02
PY-8023D-2	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1419	02
PY-8113	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	1420	02
PY-8123	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	1421	02
QUALIFIED TERMINAL BLOCKS	TERMINAL BLOCKS	TERMINATORS FOR CONTROL/ INSTR OUTSIDE	AMERACE CORP	616822(SERIES) NQB112	TB23	674.0 1389.0 45.0	K	H	A	AUXSUP	3.11-2	0145	03
RCP 2A1		LATER		BY FIELD	RB16	714.0 1515.0 45.0	A	H	C		3.112	1422	02
RCP 2A2		LATER		BY FIELD	RB16	714.0 1485.0 45.0	A	H	C		3.112	1423	02
RCP 2B1		OIL LIFT PUMP A	ALLIS-CHALMERS	BY FIELD	RB16	664.0 1515.0 45.0	A	H	C		3.112	1424	02

TAGS INCLUDED: PY-8023C ----RCP 2B1
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-REACTOR COOLANT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
RCP 2B2		OIL LIFT PUMP A	ALLIS-CHALMERS	BY FIELD	RB16	664.0 1485.0 45.0	A	H	C		3.112	1425	02
RD-26-3	RADIATION DETECTOR	RADIATION LEVEL MONITORING	GENERAL ATOMIC	RD-8	RB17	755.0 1502.0 90.0	A	H	A		7.3-1	1426	03
RD-26-4	RADIATION DETECTOR	RADIATION LEVEL MONITORING	GENERAL ATOMIC	RD-8	RB17	688.0 1433.0 90.0	A	H	A		7.3-1	1427	03
RD-26-40	RADIATION DETECTOR	RADIATION LEVEL MONITORING	GENERAL ATOMIC	RD-23	RB17	755 1502 90	A	H	A		MRL	0018	03
RD-26-41	RADIATION DETECTOR	RADIATION LEVEL MONITORING	GENERAL ATOMIC	RD-23	RB17	755 1502 90	A	H	A		MRL	0019	03
RD-26-5	RADIATION DETECTOR	RADIATION LEVEL MONITORING	GENERAL ATOMIC	RD-8	RB17	617.0 1498.0 90.0	A	H	A		7.3-1	1428	03
RD-26-6	RADIATION DETECTOR	RADIATION LEVEL MONITORING	GENERAL ATOMIC	RD-8	RB17	685.0 1570.0 90.0	A	H	A		7.3-1	1429	03
REAC TRIP SWGR 01	CONTROL ROD POWER	OPEN CNTRL RDS		BY FIELD	AB26	575.0 1428.0 43.0	E	M	D	RPS	CE-M2	1430	01
REAC TRIP SWGR 02	REACTOR TRIP SWGR	DROP CNTRL RDS	CE	BY FIELD	AB26	577.0 1428.0 43.0	E	M	D	RPS	CE-M2	1431	02
REAC TRIP SWGR 03	REACTOR TRIP SWGR	DROP CNTRL RDS	CE	BY FIELD	AB26	579.0 1428.0 43.0	E	M	D	RPS	CE-M2	1432	02
REAC TRIP SWGR 04	REACTOR TRIP SWGR	DROP CNTRL RDS	CE	BY FIELD	AB26	581.0 1428.0 43.0	E	M	D	RPS	CE-M2	1433	02
REAC TRIP SWGR 05	REACTOR TRIP SWGR	DROP CNTRL RDS	CE	BY FIELD	AB26	583.0 1428.0 43.0	E	M	D	RPS	CE-M2	1434	02

TAGS INCLUDED: RCP 2B2 ----REAC TRIP SWGR

SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 26-RADIATION MONITORING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X.Y.Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
RIS-26-3-2A	RAD INDICAT OR	HIGH CONTAINMN T RAD	SIGMA	9262X	AB26	581.0 1403.0 62.0	E	M	D	ESF	7.5-1	1435	02
RIS-26-4-2B	RAD INDICAT OR	CONTAINMENT RA DIATION	SIGMA	9262X	AB26	581.0 1403.0 62.0	E	M	D	ESF	7.5-1	1436	02
RIS-26-5-2C	RAD INDICAT OR	HIGH CONTAINMN T RAD	SIGMA	9262X	AB26	581.0 1403.0 62.0	E	M	D	ESF	7.5-1	1437	02
RIS-26-6-2D	RAD INDICAT OR	HIGH CONTAINMN T RAD	SIGMA	9262X	AB26	581.0 1403.0 62.0	E	M	D	ESF	7.5-1	1438	02
SE-02-01	SOLENOID VA LVE	CHARGING LINE ISOL VALVE	TARGET ROCK	740-005-1 S/N 1	RB15	650.0 1549.0 18.0	A	H	A	ESF	7.3-2	1952	03
SE-02-02	SOLENOID VA LVE	CHARGING LINE ISOL VALVE	TARGET ROCK	740-1005-1/ 5	RB15	648.0 1547.0 18.0	A	H	A	ESF	7.3-2	1953	03
SE-02-03	SOLENOID VA LVE	AUXILIARY SPRAY ISOL VALVE	TARGET ROCK	740-003-1/1 10	RB15	652.0 1551.0 18.0	A	H	A	ESF	7.3-2	1954	03
SE-02-04	SOLENOID VA LVE	AUXILIARY SPRAY ISOL VALVE	TARGET ROCK	740-003-1/4	RB15	651.0 1550.0 18.0	A	H	A	ESF	7.3-2	1955	03
SE-02-1CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16 N-11006	RB15	650.0 1549.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2058	03
SE-02-2CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16 N-11006	RB15	648.0 1547.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2059	03
SE-02-3CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16 N-11006	RB15	652.0 1551.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2060	03
SE-02-4CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16 N-11006	RB15	651.0 1550.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2061	03

TAGS INCLUDED: RIS-26-3-2A ----SE-02-4CM
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 02-CHEMICAL&VOL CONTROL

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
SE-02-5	VALVE	AUXILIARY SPRAY VALVE	TARGET ROCK CORPORA	77CC001	RB15	651. 1550. 18.0	A	H	C	ESF	7.3-2	0003	02
SE-03-1A	SOLENOID VALVE	S.I. TANK FILL & DRAIN VALVE	TARGET ROCK	78E-001/1	RB16	617.0 1505.0 27.0	A	H	A	ESF	7.3-2	1439	03
SE-03-1ACM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16 N-11006	RB16	617.0 1505.0 27.0	A	H	A	ESF AUXSUP PAM	MRL<	2062	03
SE-03-1B	SOLENOID VALVE	S.I. TANK FILL & DRAIN VALVE	TARGET ROCK	78E-006/2	RB16	744.0 1471.0 45.0	A	H	A	ESF	7.3-2	1440	03
SE-03-1BCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16 N-11006	RB16	747.0 1471.0 45.0	A	H	A	ESF AUXSUP PAM	MRL<	2063	03
SE-03-1C	SOLENOID VALVE	S.I. TANK FILL & DRAIN VALVE	TARGET ROCK	78E-006/1005	RB16	631.0 1528.0 46.0	A	H	A	ESF	7.3-2	1441	03
SE-03-1CCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16 N-11006	RB16	631.0 1528.0 46.0	A	H	A	ESF AUXSUP PAM	MRL<	2064	03
SE-03-1D	SOLENOID VALVE	S.I. TANK FILL & DRAIN VALVE	TARGET ROCK	78E-006/1209	RB16	624.0 1514.0 46.0	A	H	A	ESF	7.3-2	1442	03
SE-03-1DCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16 N-11006	RB16	624.0 1514.0 46.0	A	H	A	ESF AUXSUP PAM	MRL<	2065	03
SE-03-2A	SOLENOID VALVE	S.I. TANK TEST LINE VALVE TO RWT	TARGET ROCK	78E-007/1	RB15	626.0 1464.0 18.0	A	H	A	ESF	7.3-2	1443	03
SE-03-2ACM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16 N-11006	RB15	626.0 1464.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2066	03
SE-03-2B	SOLENOID VALVE	S.I. TANK TEST LINE VALVE TO RWT	TARGET ROCK	78E-007/2	RB15	626.0 1534.0 20.0	A	H	A	ESF	7.3-2	1444	03

TAGS INCLUDED: SE-02-5 ----SE-03-2B
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 53-CABLE & RACEWAY

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
SE-03-2BCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16 N-11006	RB15	626.0 1534.0 20.0	A	H	A	ESF AUXSUP PAM	MRL<	2067	03
SE-05-1A	SOLENOID VALVE	CONTAINMENT ISOLATION	TARGET ROCK	78E-009 S/N 1	RB16	617 1505 27.0	A	H	A	ESF	7.3-2	0004	03
SE-05-1B	SOLENOID VALVE	CONTAINMENT ISOLATION	TARGET ROCK	78E009 S/N 4	RB16	617 1504 27.0	A	H	A	ESF	7.3-2	0005	03
SE-05-1C	SOLENOID VALVE	CONTAINMENT ISOLATION	TARGET ROCK	78E009 S/N 3	RB16	617 1503 27.0	A	H	A	ESF	7.3-2	0006	03
SE-05-1D	SOLENOID VALVE	CONTAINMENT ISOLATION	TARGET ROCK	77CC001	RB16	617 1501 27.0	A	H	A	ESF	7.3-2	0007	03
SE-05-1E	SOLENOID VALVE	CONTAINMENT ISOLATION	TARGET ROCK	77CC001	RB16	617. 1501. 27.0	A	H	A	ESF	7.3-2	0008	03
SE-07-3A(.EO.CSAS'A')	VALVE	HYDRZNE ISOL OPEN(CSAS)	TARGET ROCK CORPORA	77CC001	AB24	544.0 1401.0 6.0	E	M	D	ESF	7.3-2	1445	01
SE-07-3B(.F.O..CSAS'B')	VALVE	HYDRZNE ISOL OPEN(CSAS)	TARGET ROCK CORPORA	77CC001	AB24	536.0 1401.0 6.0	E	M	D	ESF	7.3-2	1446	01
SE-07-4CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16	RB15	626.0 1534.0 20.0	A	H	D	ESF AUXSUP PAM	MRL<	2068	02
SE-07-5A		OIL SUPPLY		BY FIELD		0 0	A	H	A		1.9A-1	2168	03
SE-07-5E		CONT.SAMPLING		BY FIELD		611.00 1493.00 25.0	D	H	A		1.9A-1	2169	03
SE-08-1	SOLENOID VALVE	AUX. TURBINE WARM UP SUPPLY	TARGET ROCK	77CC001 S/N 1	TB23	721.0 1414.0 28.0	K	H	A	ESF	7.3-2	1956	03

TAGS INCLUDED: SE-03-2BCM ----SE-08-1
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 08-MAIN STEAM

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
SE-08-2	SOLONOID VALVE	AUX. TURBINE WARM UP SUPPLY	TARGET ROCK	77CC001	TB23	691.0 1408.0 28.0	K	H	A	ESF	7.3-2	1957	03
SE-09-2	SOLENOID VALVE	AUX FW PUMP 2A ISOLATION VALVES	TARGET ROCK	77CC001	TB23	746 1398 45.0	K	H	A	ESF	7.3-2	0009	03
SE-09-3	SOLENOID VALVE	AUX FW PUMP 2B ISOLATION VALVES	TARGET ROCK	77CC001	TB23	680 1396 45.0	K	H	A	ESF	7.3-2	0010	03
SE-09-4	SOLENOID VALVE	AUX FW PUMP 2C ISOLATION	TARGET ROCK	77CC001	TB23	732 1397 45.0	K	H	A	ESF	7.3-2	0011	03
SE-09-5	SOLENOID VALVE	AUX FW P 2C ISOLATION. VALVES	TARGET ROCK	77CC001	TB23	680 1394 45.0	K	H	A	ESF	7.3-2	0012	03
SE-17-1A		OIL SUPPLY		BY FIELD		0000000000 0000000000 000000	A	H	A		1.9A-1	2164	03
SE-17-1A(.*)		OIL TNK 2A INL OPEN(NO)		BY FIELD					D		3.9-10	1447	01
SE-17-1A(.BYPASS)		OIL TNK 2A INL OPEN(NO)		BY FIELD					D		3.9-10	1448	01
SE-17-1B		OIL SUPPLY		BY FIELD		0 0	A	H	A		1.9A-1		03
SE-17-1B		OIL SUPPLY		BY FIELD		0000000000 0000000000 000000	A	H	A		1.9A-1	2166	03
SE-17-1B(.*)		OIL TNK 2A INL OPEN(NO)		BY FIELD					D		3.9-10	1449	01
SE-17-1B(.BYPASS)		OIL TNK 2A INL OPEN(NO)		BY FIELD					D		3.9-10	1450	01

TAGS INCLUDED: SE-08-2 ----SE-17-1B(.BYPAS

SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 17-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
SE-17-2A(.*)		OIL TNK 2B INL OPEN(NO)		BY FIELD					D		3.9-10	1451	01
SE-17-2A(.BYPASS)		OIL TNK 2B INL OPEN(NO)		BY FIELD					D		3.9-10	1452	01
SE-17-2B		OIL SUPPLY		BY FIELD		000000000 000000000 000000	A	H	A		1.9A-11	2167	03
SE-17-2B(.*)		OIL TNK 2B INL OPEN(NO)		BY FIELD					D		3.9-10	1453	01
SE-17-2B(.BYPASS)		OIL TNK 2B INL OPEN(NO)		BY FIELD					D		3.9-10	1454	01
SE-25-12	SOLENOID	LATER		BY FIELD					D			0022	02
SE-25-13	SOLENOID	LATER		BY FIELD					D			0023	02
STA SERV XFMR 2A2	4.16KV-480V XFRM	CL IE PWR	GOULD/ITE	10KVA	AB27	574.0 1473.0 43.0	E	M	D	AUXSUP	3.112	1463	01
STA SERV XFMR 2B2	4.16KV-480V XFMR	CL IE PWR	GOULD/ITE	10KVA	AB27	502.0 1447.0 43.0	E	M	D	AUXSUP	3.112	1465	01
STAT INVRT 2A	AC UPS SYST.	CL IE PWR	SOLID STATE	10KVA	AB27	535.0 1438.0 43.0	E	M	D		3.112	1466	01
STAT INVRT 2B	AC UPS SYST.	CL IE PWR	SOLID STATE	10KVA	AB27	535.0 1410.0 43.0	E	M	D	AUXSUP	3.112	1467	01
STAT INVRT 2C	AC UPS SYST.	CL IE PWR	SOLID STATE	10KVA	AB27	532.0 1438.0 43.0	E	M	D	AUXSUP	3.112	1469	02

TAGS INCLUDED: SE-17-2A(.*) ----STAT INVRT 2C
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 51-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
STAT INVRT 2D	AC UPS SYST	CL IE PWR	SOLID STATE	10KVA	AB27	532.01 1410.01 43.0	E	M	D	AUXSUP	3.112	1470	02
SWGR 2AB-1 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE 1E AC POWER	WESTINGHOUSE	25-Y-8370/71	AB25	560.01 1493.01 20.0	E	M	D		CE-M2	1471	01
SWGR 2AB-1 480V	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE 1E AC POWER	I-T-E IMPERIAL	K600	AB25	574.01 1494.01 20.0	E	M	D		CE-M2	1472	01
SWGR 2AB-1A	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE 1E AC POWER	I-T-E IMPERIAL	BY FIELD	AB25	574.01 1494.01 28.0	E	M	D		CE-M2	1473	01
SWGR 2AB-1B TB N1	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVID 1E AC POWER		BY FIELD	AB25	574.01 1493.01 26.0	E	M	D		CE-M2	1474	01
SWGR 2AB-1C TB N2	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVID 1E AC POWER		BY FIELD	AB25	574.01 1493.01 24.0	E	M	D		CE-M2	1475	01
SWGR 2AB-1D TB N3	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVID 1E AC POWER		BY FIELD	AB25	574.01 1493.01 22.0	E	M	D		CE-M2	1476	01
SWGR 2AB-2 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE 1E AC POWER	WESTINGHOUSE	BY FIELD	AB25	560.01 1495.01 20.0	E	M	D		CE-M2	1477	01
SWGR 2AB-2 480V	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVID 1E AC POWER	I-T-E IMPERIAL	BY FIELD	AB25	574.01 1496.01 20.0	E	M	D		CE-M2	1478	01
SWGR 2AB-2A TB 2A	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVID 1E AC POWER		BY FIELD	AB25	574.01 1497.01 28.0	E	M	D		CE-M2	1479	01
SWGR 2AB-2B TB N4	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVID 1E AC POWER		BY FIELD	AB25	574.01 1497.01 26.0	E	M	D		CE-M2	1480	01
SWGR 2AB-2C TB N5	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVID 1E AC POWER		BY FIELD	AB25	574.01 1497.01 24.0	E	M	D		CE-M2	1481	01

TAGS INCLUDED: STAT INVRT 2D ----SWGR 2AB-2C TB
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 50-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
SWGR 2AB-3 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB25	560.0 1497.0 20.0	E	M	D		CE-M2	1482	01
SWGR 2AB-4 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB25	560.0 1500.0 20.0	E	M	D		CE-M2	1483	01
SWGR 2AB-5 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB25	560.0 1502.0 20.0	E	M	D		CE-M2	1484	01
SWGR 2A3-1 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	565.0 1475.0 43.0	E	M	D		CE-M2	1493	01
SWGR 2A3-10 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	545.0 1475.0 43.0	E	M	D		CE-M2	1494	01
SWGR 2A3-11 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	543.0 1475.0 43.0	E	M	D		CE-M2	1495	01
SWGR 2A3-12 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	541.0 1475.0 43.0	E	M	D		CE-M2	1496	01
SWGR 2A3-2 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	562.0 1475.0 43.0	E	M	D		CE-M2	1497	01
SWGR 2A3-3 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	560.0 1475.0 43.0	E	M	D		CE-M2	1498	01
SWGR 2A3-5 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	556.0 1475.0 43.0	E	M	D		CE-M2	1499	01
SWGR 2A3-6 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	554.0 1475.0 43.0	E	M	D		CE-M2	1500	01
SWGR 2A3-7 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	552.0 1475.0 43.0	E	M	D		CE-M2	1501	01

TAGS INCLUDED: SWGR 2AB-3 4KV ----SWGR 2A3-7 4KV
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 50-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
SWGR 2A3-8 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	549.0 1475.0 43.0	E	M	D		CE-M2	1502	01
SWGR 2A3-9 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	547.0 1475.0 43.0	E	M	D		CE-M2	1503	01
SWGR 2B2-2 480V	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	I-T-E IMPERIAL	BY FIELD	AB27	508.0 1448.0 43.0	E	M	D		CE-M2	1505	01
SWGR 2B2-5 480V	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	I-T-E IMPERIAL	BY FIELD	AB27	515.0 1448.0 43.0	E	M	D		CE-M2	1507	01
SWGR 2B2-7 480V	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	I-T-E IMPERIAL	BY FIELD	AB27	520.0 1448.0 43.0	E	M	D		CE-M2	1509	01
SWGR 2B3-1 4KV(4.1KV SWITCHGEA	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	517.0 1475.0 43.0	E	M	D		CE-M2	1510	01
SWGR 2B3-10 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	498.0 1475.0 43.0	E	M	D		CE-M2	1511	01
SWGR 2B3-11 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	496.0 1475.0 43.0	E	M	D		CE-M2	1512	01
SWGR 2B3-12 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	493.0 1475.0 43.0	E	M	D		CE-M2	1513	01
SWGR 2B3-4 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	510.0 1475.0 43.0	E	M	D		CE-M2	1514	01
SWGR 2B3-5 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	509.0 1475.0 43.0	E	M	D		CE-M2	1515	01
SWGR 2B3-6 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	506.0 1475.0 43.0	E	M	D		CE-M2	1516	01

TAGS INCLUDED: SWGR 2A3-8 4KV ----SWGR 2B3-6 4KV
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 50-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
SWGR 2B3-7 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	504.0 1475.0 43.0	E	M	D		CE-M2	1517	01
SWGR 2B3-8 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	502.0 1475.0 43.0	E	M	D		CE-M2	1518	01
SWGR 2B3-9 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	500.0 1475.0 43.0	E	M	D		CE-M2	1519	01
TCV-14-4A		LATER		BY FIELD					D			0027	02
TCV-14-4B		LATER		BY FIELD					D			0028	02
TE-07-3A	TEMPERATURE ELEMENT	CONTAINMENT TEMPERATURE	RDF CORP	BY FIELD	RB17	755.0 : 0 70.0	A	H	A			2110	03
TE-07-3A CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB15	626.0 1534.0 70.0	A	H	A	ESF AUXSUP PAM	MRL<	2087	03
TE-07-3B	TEMPERATURE ELEMENT	CONTAINMENT TEMPERATURE	RDF CORP	BY FIELD	AB2	619.0 : 0 70.0	A	H	A			2111	03
TE-07-3B CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	619.0 1485.0 70.0	A	H	A	ESF AUXSUP PAM	MRL<	2088	03
TE-07-5A	TEMPERATURE ELEMENT	CONTAINMENT TEMPERATURE	RDF CORP	BY FIELD	AB24	595.0 : 0 1.0	E	H	A			2112	03
TE-07-5B	TEMPERATURE ELEMENT	CONTAINMENT TEMPERATURE	RDF CORP	BY FIELD	AB24	599.0 : 0 1.0	E	H	A			2113	03
TE-07-5B CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16		626.0 1534.0 70.0	A	H	A	ESF AUXSUP PAM	MRL<	2089	03

TAGS INCLUDED: SWGR 2B3-7 4KV ----TE-07-5B CM
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-REACTOR COOLANT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X.Y.Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
TE-1111X	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	P/N-21233 S/N-139	RB15	709.0 1500.00 18.0	A	H	A	RPS PAM	CE-ML	1520	03
TE-1111Y	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	P/N-212337 S/N-128	RB15	706.0 1483.00 18.0	A	H	A	RPS PAM	CE-ML	1521	03
TE-1112CA	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	FAST RESPONSE	RB15	706.0 1484.00 18.0	A	H	A	RPS PAM	CE-ML	1522	03
TE-1112CACM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	706.0 1484.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2069	03
TE-1112CB	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	FAST RESPONSE	RB15	708.0 1511.00 18.0	A	H	A	RPS PAM	CE-ML	1523	03
TE-1112CBCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	708.0 1511.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2070	03
TE-1112CC	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP 129	P/N-21233ON SE S/N-129	RB15	707.0 1484.00 18.0	A	H	A	RPS PAM	CE-ML	1524	03
TE-1112CCCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16 N-11006	RB15	707.0 1484.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2071	03
TE-1112CD	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	FAST RESPONSE	RB15	707.0 1511.00 18.0	A	H	A	RPS PAM	CE-ML	1525	03
TE-1112CDCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	707.0 1511.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2072	03
TE-1112HA	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	FAST RESPONSE	RB15	708.0 1499.00 18.0	A	H	A	RPS PAM	CE-ML	1526	03
TE-1112HACM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	708.0 1499.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2073	03

TAGS INCLUDED: TE-1111X ----TE-1112HACM
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-REACTOR COOLANT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
TE-1112HB	TEMPERATURE ELEMENT	REACTOR COOLANT TEMP-ERATURE	RDF CORP	FAST RESPONSE	RB15	708.0 1501.00 18.0	A	H	A	PAM	CE-ML	1527	03
TE-1112HBCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	708.0 1501.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2074	03
TE-1112HC	TEMPERATURE ELEMENT	REACTOR COOLANT TEMP-ERATURE	RDF CORP	P/N-21233 S/N-117	RB15	710.0 1499.00 18.0	A	H	A	PAM	CE-ML	1528	03
TE-1112HCCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16 N-11006	RB15	710.0 1499.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2075	03
TE-1112HD	TEMPERATURE ELEMENT	REACTOR COOLANT TEMP-ERATURE	RDF CORP	P/N-21233 S/N-118	RB15	710.0 1501.00 18.0	A	H	A	PAM	CE-ML	1529	03
TE-1112HDCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	710.0 1501.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2076	03
TE-1115	TEMPERATURE ELEMENT	REACTOR COOLANT TEMP-ERATURE	RDF CORP	FAST RESPONSE	RB15	707.0 1510.00 18.0	A	H	A	PAM	CE-ML	1530	03
TE-1115CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	707.0 1501.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2077	03
TE-1121X	TEMPERATURE ELEMENT	REACTOR COOLANT TEMP-ERATURE	RDF CORP	P/N-21233 S/N-137	RB15	666.0 1500.00 18.0	A	H	A	PAM	CE-ML	1531	03
TE-1121Y	TEMPERATURE ELEMENT	REACTOR COOLANT TEMP-ERATURE	RDF CORP	P/N-21233 S/N-133	RB15	668.0 1490.00 18.0	A	H	A	PAM	CE-ML	1532	03
TE-1122CA	TEMPERATURE ELEMENT	REACTOR COOLANT TEMP-ERATURE	RDF CORP	FAST RESPONSE	RB15	668.0 1518.00 18.0	A	H	A	PAM	CE-ML	1533	03
TE-1122CACM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX.CORP	1/4/C#16	RB15	668.0 1518.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2078	03

TAGS INCLUDED: TE-1112HB ----TE-1122CACM
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-REACTOR COOLANT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X.Y.Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
TE-1122CB	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	FAST RESPONSE	RB15	669.0 1488.00 18.0	A	H	A	PAM	CE-ML	1534	03
TE-1122CBCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	669.0 1488.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2079	03
TE-1122CC	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	FAST RESPONSE	RB15	667.0 1518.00 18.0	A	H	A	PAM	CE-ML	1535	03
TE-1122CCCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	667.0 1518.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2080	03
TE-1122CD	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	FAST RESPONSE	RB15	667.0 1488.00 18.0	A	H	A	RPS	CE-ML	1536	03
TE-1122CDCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	667.0 1488.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2081	03
TE-1122HA	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	FAST RESPONSE	RB15	667.0 1501.00 18.0	A	H	A	RPS	CE-ML	1537	03
TE-1122HACM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	667.0 1501.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2082	03
TE-1122HB	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	P/N-21233 S/N-122	RB15	667.0 1499.00 18.0	A	H	A	RPS	CE-ML	1538	03
TE-1122HBCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	667.0 1499.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2083	03
TE-1122HC	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	P/N-21233 S/N-121	RB15	664.0 1501.00 18.0	A	H	A	RPS	CE-ML	1539	03
TE-1122HCCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	664.0 1501.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2084	03

TAGS INCLUDED: TE-1122CB ----TE-1122HCCM
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-REACTOR COOLANT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
TE-1122HD	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	BY FIELD	RB15	664.0 1499.00 18.0	A	H	A	RPS PAM	CE-ML	1540	03
TE-1122HDCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	664.0 1499.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2085	03
TE-1125	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	BY FIELD	RB15	667.0 1516.00 18.0	A	H	A	RPS	CE-ML	1541	03
TE-1125CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	667.0 1516.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2086	03
TE-3303W	TEMPERATURE ELEMENT	SHUTDOWN COOLING HEAT EXCHNGER TEMP.	RDF CORP	200 OHM/106	AB24	557.0 1438.00 5.0	D	H	A	RPS	CE-ML	1542	03
TE-3303X	TEMPERATURE ELEMENT	SHUTDOWN COOLING HEAT EXCHANGER	RDF CORP	200 OHM/107	AB24	558.0 1438.00 5.0	D	H	A	RPS	CE-ML	1543	03
TE-3303Y	TEMPERATURE ELEMENT	SHUTDOWN COOL ING HEAT EXCHANGER	RDF CORP	200 OHM/100	AB24	558.0 1421.00 5.0	D	H	A	RPS	CE-ML	1544	03
TE-3303Z	TEMPERATURE ELEMENT	SHUTDOWN COOL ING HEAT EXCHANGER TEMPERAT	RDF CORP	200 OHM/109	AB24	557.0 1423.00 5.0	D	H	A	RPS	CE-ML	1545	03
TE-3351X	TEMPERATURE ELEMENT	LPSI HEADER TEMPERATURE	RDF CORP	200 OHM/110	AB24	579.0 1480.00 5.0	D	H	A	RPS	CE-ML	1546	03
TE-3351Y	TEMPERATURE ELEMENT	LPSI HEADER TEMPERATURE	RDF CORP	200 OHM/100	AB24	594.0 1471.00 5.0	D	H	A	RPS	CE-ML	1547	03
TE-3352X	TEMPERATURE ELEMENT	LPSI HEADER TEMPERATURE	RDF CORP	200 OHM/111	AB24	550.0 1474.00 5.0	D	H	A	RPS	CE-ML	1548	03
TE-3352Y	TEMPERATURE ELEMENT	LPSI HEADER TEMPERATURE	RDF CORP	200 OHM	AB24	565.0 1489.00 5.0	D	H	A	RPS	CE-ML	1549	03

TAGS INCLUDED: TE-1122HD ----TE-3352Y
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 07-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
TI-07-3A/5A	DUAL TEMP INDICATOR	CONTAINMENT/PUMP TEMPERATURE	SIGMA	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	PAM	7.5-1	1550	01
TI-1102A	TEMPERATURE INDICATOR	REACTOR COOLANT LOOP TEMP	SIGMA	9262-00-D	AB26	573.0 1424.0 62.0	E	M	D	RPS PAM	7.5-1	1551	01
TI-1102B	TEMPERATURE INDICATOR	REACTOR COOLANT LOOP TEMP	SIGMA	9262-00-D	AB26	573.0 1424.0 62.0	E	M	D	RPS PAM	7.5-1	1552	01
TI-1102C	TEMPERATURE INDICATOR	COOLANT LOOP-TC	SIGMA	9262-00-D	AB26	573.0 1424.0 62.0	E	M	D	RPS	7.5-1	1553	01
TI-1102D	TEMPERATURE INDICATOR	REACTOR COOLANT LOOP TEMP	SIGMA	9262-00-D	AB26	573.0 1424.0 62.0	E	M	D	RPS	7.5-1	1554	01
TI-1115	TEMPERATURE INDICATOR	COLD LEG 2A1 TEMPERATURE		BY FIELD					D	RPS	7.5-1	1555	01
TI-1115-1	TEMPERATURE INDICATOR	REACTOR COLD LEG	SIGMA	9262-00-B	AB27	519.0 1391.0 43.0	E	M	D	SD	7.5-1	1556	01
TI-1125	TEMPERATURE INDICATOR	COLD LEG 2B1 TEMPERATURE		BY FIELD					D	RPS	7.5-1	1557	01
TI-1125-1	TEMPERATURE INDICATOR	REACTOR COLD LEG	SIGMA	9262-00-B	AB27	519.0 1391.0 43.0	E	M	D	SD	7.5-1	1558	01
TI-3303X	TEMPERATURE INDICATOR	SHUTDOWN COOLING HX 2A OUTLET		BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	SD	7.5-1	1559	01
TI-3303Y	TEMPERATURE INDICATOR	SHUTDOWN COOLING HX 2B OUTLET		BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	SD	7.5-1	1560	01
TI-3351Y	TEMPERATURE INDICATOR	LATER	SIGMA	9262-00-B		******** ******** ******			D	SD	7.5-L	1561	01

TAGS INCLUDED: TI-07-3A/5A ----TI-3351Y
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
TI-3352Y	TEMPERATURE INDICATOR	LATER	SIGMA	9262-00-B		********* ********* ******			D	SD	7.5-L	1562	01
TR-07-3B/5B	TEMPERATURE RECORDING	CONT. TEMP	WESTINGHSE	75RE	AB26	581.0 1403.0 62.0	E	M	D	PAM	7.5-1	1563	02
TR-1115	FLOW RECORDING	COLD LEG 2A1 TEMPERATURE	FOXBORO INSTRUMENT COM	M/226-01,02	AB26	573.0 1424.0 62.0	E	M	D	SD	7.5-1	1565	01
TR-1125	FLOW RECORDING	COLD LEG 2B1 TEMPERATURE	FOXBORO INSTRUMENT COM	M/226-01,02	AB26	573.0 1424.0 62.0	E	M	D	SD	7.5-1	1566	01
TR-25-1A	FLOW RECORDING	CONT COOLING FAN 2HVS-1A COOLING COIL INLE	WESTRONICS	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	ESF	7.5-1	1567	01
TR-25-1A	FLOW RECORDING	CONT COOLING FAN 2HVS-1A COOLING COIL INLE	WESTRONICS	BY FIELD					D	ESF	7.5-1	1568	01
TR-25-1A	FLOW RECORDING	CONT COOLING FAN 2HVS-1A COOLING COIL INLE	WESTRONICS	BY FIELD					D		7.5-1	1571	01
TR-25-1A	FLOW RECORDING	CONT COOLING FAN 2HVS-1A COOLING COIL INLE	WESTRONICS	BY FIELD					D	ESF	7.5-1	1570	01
TR-25-1A	FLOW RECORDING	CONT COOLING FAN 2HVS-1A COOLING COIL INLE	WESTRONICS	BY FIELD					D	ESF	7.5-1	1569	01
TR-25-1B	FLOW RECORDING	CONT COOLING FAN 2HVS 1C COOLING COIL INLE	WESTRONICS	BY FIELD					D		7.5-1	1576	01
TR-25-1B	FLOW RECORDING	CONT COOLING FAN 2HVS 1C COOLING COIL INLE	WESTRONICS	BY FIELD					D		7.5-1	1575	01
TR-25-1B	FLOW RECORDING	CONT COOLING FAN 2HVS 1C COOLING COIL INLE	WESTRONICS	BY FIELD					D	ESF	7.5-1	1574	01

TAGS INCLUDED: TI-3352Y ----TR-25-1B

SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-CONT. FAN COOLERS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
TR-25-1B	FLOW RECORDING	CONT COOLING FAN 2HVS 1C COOLING COIL INLE	WESTRONICS	BY FIELD					D	ESF	7.5-1	1573	01
TR-25-1B	FLOW RECORDING	CONT COOLING FAN 2HVS 1C COOLING COIL INLE	WESTRONICS	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	1572	01
TR-25-2A	FLOW RECORDING	SHIELD BUILD VENT SYSTEM PRE HEPA FILTER	WESTRONICS	BY FIELD					D	ESF	7.5-1	1579	01
TR-25-2A	FLOW RECORDING	SHIELD BUILD VENT SYSTEM PRE HEPA FILTER	WESTRONICS	BY FIELD					D	AUXSUP	7.5-1	1580	01
TR-25-2A	FLOW RECORDING	SHIELD BUILD VENT SYSTEM PRE HEPA FILTER	WESTRONICS	BY FIELD					D	AUXSUP	7.5-1	1581	01
TR-25-2A	FLOW RECORDING	SHIELD BUILD VENT SYSTEM PRE HEPA FILTER	WESTRONICS	BY FIELD					D	ESF	7.5-1	1578	01
TR-25-2A	FLOW RECORDING	SHIELD BUILD VENT SYSTEM PRE HEPA FILTER	WESTRONICS	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	ESF	7.5-1	1577	01
TR-25-2A(HVCB.A,H)	FLOW RECORDING	SHIELD BUILD VENT SYSTEM PRE HEPA FILTER	WESTRONICS	BY FIELD					D	AUXSUP	7.5-1	1582	01
TR-25-2B	FLOW RECORDING	SHIELD BUILD VENT SYSTEM PRE HEPA FILTER	WESTRONICS	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	ESF	7.5-1	1583	01
TR-25-2B	FLOW RECORDING	SHIELD BUILD VENT SYSTEM PRE HEPA FILTER	WESTRONICS	BY FIELD					D	ESF	7.5-1	1584	01
TR-25-2B	FLOW RECORDING	SHIELD BUILD VENT SYSTEM PRE HEPA FILTER	WESTRONICS	BY FIELD					D	AUXSUP	7.5-1	1586	01
TR-25-2B	FLOW RECORDING	SHIELD BUILD VENT SYSTEM PRE HEPA FILTER	WESTRONICS	BY FIELD					D	ESF	7.5-1	1585	01

TAGS INCLUDED: TR-25-1B ----TR-25-2B
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 14-COMPONENT COOLING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
TR-25-2B(HVCB,A,H)	FLOW RECORDING	SHIELD BUILD VENT SYSTEM PRE HEPA FILTER	WESTRONICS	BY FIELD					D	AUXSUP	7.5-1	1587	01,
TR-3303W	FLOW RECORDING	SHUTDOWN COOLING TEMPERATURE	FOXBORO INSTRUMENT COM	M/226-01.02	AB26	581.0 1403.0 62.0	E	M	D	SD PAM	7.5-1	1588	01
TR-3303Z	FLOW RECORDING	SHUTDOWN COOLING TEMPERATURE	FOXBORO INSTRUMENT COM	M/226-01.02	AB26	581.0 1403.0 62.0	E	M	D	CE-ML	7.5-1	1589	01
TR-3351	FLOW RECORDING	SHUTDOWN HX 2A INLET/LPSI HDR 2A	FOXBORO INSTRUMENT COM	M/226-01.02					D	SD PAM	7.5-1	1590	02
TR-3352	FLOW RECORDING	SHUTDOWN HV 2B INLET/LPSI HDR 2B	FOXBORO INSTRUMENT COM	M/226-01.02					D	SD PAM	7.5-1	1591	02
TY-07-3B.	TEMPERATURE CONVERTER	LATER		BY FIELD					D		CE-ML	1592	02
TY-07-3B-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1593	02
TY-07-5B	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V		******** ******** ******			D		CE-ML	1594	01
TY-07-5B-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1595	02
TY-1112CA	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V					D		CE-ML	1596	02
TY-1112CA-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1597	02
TY-1112CB	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V					D		CE-ML	1598	02

TAGS INCLUDED: TR-25-2B(HVCB,A----TY-1112CB
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
TY-1112CB-1	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AO-V21				D		CE-ML	1599	02
TY-1112CC	TEMPERATURE CONVERTER	LATER	FOXBORO INS TRUMENT COM	2AI-P2V				D		CE-ML	1600	02
TY-1112CC-1	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AO-V21				D		CE-ML	1601	02
TY-1112CD	TEMPERATURE CONVERTER	LATER	FOXBORO INS TRUMENT COM	2AI-P2V				D		CE-ML	1602	02
TY-1112CD-1	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AO-V21				D		CE-ML	1603	02
TY-1112HA	TEMPERATURE CONVERTER	LATER	FOXBORO INS TRUMENT COM	2AI-P2V				D		CE-ML	1604	02
TY-1112HA-1	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AO-V21				D		CE-ML	1605	02
TY-1112HB	TEMPERATURE CONVERTER	LATER	FOXBORO INS TRUMENT COM	2AI-P2V				D		CE-ML	1606	02
TY-1112HB-1	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AO-V21				D		CE-ML	1607	02
TY-1112HC	TEMPERATURE CONVERTER	LATER	FOXBORO INS TRUMENT COM	2AI-P2V				D		CE-ML	1608	02
TY-1112HC-1	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AO-V21				D		CE-ML	1609	02
TY-1112HD	TEMPERATURE CONVERTER	LATER	FOXBORO INS TRUMENT COM	2AI-P2V				D		CE-ML	1610	02

TAGS INCLUDED: TY-1112CB-1 ----TY-1112HD
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
TY-1112HD-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	1611	02
TY-1115	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1612	02
TY-1122CA	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1613	02
TY-1122CA-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	1614	02
TY-1122CB	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1615	02
TY-1122CB-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	1616	02
TY-1122CC	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1617	02
TY-1122CC-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	1618	02
TY-1122CD	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1619	02
TY-1122CD-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	1620	02
TY-1122HA	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1621	02
TY-1122HA-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	1622	02

TAGS INCLUDED: TY-1112HD-1 ----TY-1122HA-1
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
TY-1122HB	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1623	02
TY-1122HB-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	1624	02
TY-1122HC	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1625	02
TY-1122HC-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	1626	02
TY-1122HD	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1627	02
TY-1125	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1628	02
TY-3303W	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1629	02
TY-3303X	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1630	02
TY-3303Y	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1631	02
TY-3303Z	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1632	02
TY-3351X	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1633	02
TY-3351Y	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1634	02

TAGS INCLUDED: TY-1122HB ----TY-3351Y
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
TY-3352X	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V					D		CE-ML	1635	02
TY-3352Y	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V					D		CE-ML	1636	02
V-1476		LTOP ISOL		BY FIELD		659.00 1539.00 62.0	A	H	A		1.9A-1	2172	03
V-3733		RWT ISOL.		BY FIELD		749.0 1468.00 65.0	A	H	A		1.9A-1	2152	03
V-3734		RWT ISOL.		BY FIELD		749.0 1469.00 65.0	A	H	A		1.9A-1	2153	03
V-3735		RWT ISOL.		BY FIELD		755.00 1486.00 65.0	A	H	A		1.9A-1	2154	03
V-3736		RWT ISOL.		BY FIELD		755.0 1487.00 65.0	A	H	A		1.9A-1	2155	03
V-3737		RWT ISOL.		BY FIELD		622.00 1525.00 65.0	A	H	A		1.9A-1	2156	03
V-3738		RWT ISOL.		BY FIELD		622.0 1526.00 65.0	A	H	A		1.9A-1	2157	03
V-3739		RWT ISOL.		BY FIELD		618.00 1511.00 65.0	A	H	A		1.9A-1	2158	03
V-3740		RWT ISOL.		BY FIELD		618.0 1512.00 65.0	A	H	A		1.9A-1	2159	03
V-5200		CONT. ISOL.		BY FIELD		618.0 1513.00 20.0	A	H	A		1.9A-1	2146	03

TAGS INCLUDED: TY-3352X ----V-5200
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: -SUBCOOLED MARGIN MONITOR

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
V-5201		CONT.. ISOL.		BY FIELD		618.00 1514.00 20.0	A	H	A		1.9A-1	2147	03
V-5202		CONT. ISOL.		BY FIELD		619.0 1516.00 20.0	A	H	A		1.9A-1	2148	03
V-5203		CONT. ISOL.		BY FIELD		607.0 1508.00 20.0	D	H	A		1.9A-1	2149	03
V-5204		CONT. ISOL.		BY FIELD		607.0 1510.00 20.0	D	H	A		1.9A-1	2150	03
V-5205		CONT. ISOL.		BY FIELD		607.0 1509.00 20.0	D	H	A		1.9A-1	2151	03
V-6341		CONT. ISOL.		BY FIELD		633.0 1507.00 28.0	A	H	A		1.9A-1	2160	03
V-6718		CONT. ISOL.		BY FIELD		0000000000 0000000000 000000	A	H	A		1.9A-1	2161	03
V-6741		CONT. ISOL.		BY FIELD		606.00 1530.00 25.0	D	H	A		1.9A-1	2163	03
V-6750		CONT. ISOL.		BY FIELD		601.00 1528.00 20.0	D	H	A		1.9A-1	2162	03
VARM-1606	SPEED DEVICE	DIESEL-GEN 2A MVARS		BY FIELD					D	AUXSUP	7.5-1	1637	02
VARM-1616	SPEED DEVICE	DIESEL-GEN 2B MVARS		BY FIELD					D	AUXSUP	7.5-1	1638	01
VM-1001		STATION BATTERY 2B VOLTS		BY FIELD	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	1639	01

TAGS INCLUDED: V-5201 ----VM-1001
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: -

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
VM-1002		STATION BATTERY 2B VOLTS		BY FIELD					D	AUXSUP	7.5-1	1640	01
VM-1606-1		DIESEL GEN 2A		BY FIELD	AB27	519.0 1391.0 43.0	E	M	D	SD	7.5-1	1641	01
VM-1606D		D.G #2A		BY FIELD	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP SD	7.5-1	1642	01
VM-1616-1		DIESEL GEN 2B		BY FIELD	AB27	519.0 1391.0 43.0	E	M	D	SD	7.5-1	1643	01
VM-1616D		DIESEL-GEN 2B VOLTS		BY FIELD	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP. SD	7.5-1	1644	01
VM-942		4.16 KV EMERG BUS 2AB VOLTS		BY FIELD	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	1645	01
VM-954		4.16 KV BUS 2A3		BY FIELD	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	1646	01
VM-964		4.16 KV EMERG BUS 2A3 VOLTS		BY FIELD	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	1647	01
V1427		LTOP ISOL		BY FIELD		0 0	A	H	A		1.9A-1	2173	03
V1460		RV HEAD VENT		BY FIELD		668.00 1524.00 79.0	A	H	A		1.9A-1	2133	03
V1460 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB15	667.0 1516.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2090	03
V1461		RV HEAD VENT		BY FIELD		668.00 1523.00 77.0	A	H	A		1.9A-1	2134	03

TAGS INCLUDED: VM-1002 ----V1461
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 53-CABLE & RACEWAY

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
V1461 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB15	667.0 1516.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2091	03
V1462		RV HEAD VENT		BY FIELD		668.0 1522.00 75.0	A	H	A		1.9A-1	2135	03
V1462 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB15	667.0 1516.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2092	03
V1463		RV HEAD VENT		BY FIELD		668.0 1521.00 73.0	A	H	A		1.9A-1	2140	03
V1463 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB15	667.0 1516.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2093	03
V1464		RV HEAD VENT		BY FIELD		664.0 1522.00 75.0	A	H	A		1.9A-1	2136	03
V1464 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB15	667.0 1516.0 18.0	A	H	C	ESF AUXSUP PAM	MRL<	2094	02
V1464 CM DELETE	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB15	667.0 1516.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2095	03
V1465		RV HEAD VENT		BY FIELD		664.0 1521.00 77.0	A	H	A		1.9A-1	2137	03
V1465 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB15	667.0 1516.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2096	03
V1466		RV HEAD VENT		BY FIELD		664.0 1520.00 73.0	A	H	A		1.9A-1	2138	03
V1466 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB15	667.0 1516.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2097	03

TAGS INCLUDED: V1461 CM ----V1466 CM
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-REACTOR COOLANT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
V1474		LATER		BY FIELD	RB17	655.0 1537.0 62.0	A	H	A			2131	03
V1475		LATER		BY FIELD	RB17	656.0 1535.0 62.0	A	H	A			2132	03
V2104	MOV	BORIC ACID SUPPLY VALVE	LIMITORQUE	SMB					D	ESF	7.3-2	1648	01
V2501 (FAI)	MOV	VCT DISCHARGE VALVE	LIMITORQUE CORP	SMB-00-15	AB25	553.0 1572.0 20.0	E	M	D	ESF	7.3-2	1649	01
V2504	MOV	RWT SUPPLY	LIMITORQUE CORP	SMB-00-15	AB24	553.0 1542.0 -1.0	D	H	A	SD	MRL	1650	03
V2504 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C9-3G	AB24	550.0 1542.0 2.0	D	H	B	RPS ESF	3.112	1651	03
V2505	CONTROL VALVE	CONT. ISOL		BY FIELD		602.0 1501.00 20.0	D	H	A		1.9A-1	2141	03
V2508	MOTOR OPERATED VALVES	BORIC ACID TANK 2BGRAVITY FEED VALVE TO	LIMITORQUE CORP	SMB-00-15	AB24	509.0 1547.0 -1.0	E	M	D	ESF	3.9-10	1652	02
V2508 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB24	513.0 1551.0 1.0	E	M	D	RPS ESF	3.112	1653	02
V2509 (FAI)	MOTOR OPERATED VALVES	BORIC ACID TANK 2A GRAVITY FEED VALVE TO C	LIMITORQUE CORP	SMB-00-15	AB24	509.0 1545.0 -1.0	E	M	D	ESF	3.9-10	1654	02
V2509 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB24	513.0 1551.0 1.0	E	M	D	RPS ESF	3.112	1655	02
V2512		VCT ISOL		BY FIELD		551.0 1576.00 20.0	A	H	A		1.9A-1	2143	03

TAGS INCLUDED: V1474 ----V2512
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: O2-CHEMICAL&VOL CONTROL

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
V2514		BAMP DISCHARGE	LIMITORQUE	BY FIELD		532.00 1551.00 4.0	A	H	A		1.9A-1	2139	03
V2514 (FAI)		LATER	LIMITORQUE CORP	BY FIELD	AB24	532.0 1551.0 4.0		M	A			2124	03
V2514 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB24	532.0 1551.0 4.0	E	M	D	RPS ESF	3.112	1656	02
V2515	ISOLATION VALVE	LETDOWN LINE ISOLATIONVALVE	ASCO/NAMCO	S:RFHV20230 31	RB15	641.0 1540.0 18.0	A	H	A	ESF	3.9-10	1657	03
V2515 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16 N-11006	RB15	641 1540 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2098	03
V2516	CONTROL VALVE	LETDOWN LINE ISOLATIONVALVE	ASCO/NAMCO	S:RFHV20230 1	RB15	644.0 1543.0 18.0	A	H	A	ESF	3.9-10	1658	03
V2516 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16 N-11006	RB15	644 1543 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2099	03
V2522	CONTROL VALVE	LATER	ASCO/NAMCO	BY FIELD	AB25	607.0 1528.0 20.0	D	H	A		JMG	2020	03
V2523	CONTROL VALVE	LATER	ASCO/NAMCO	S:RFHV20230 31 LS:EA18	AB25	614.0 1535.0 20.0	D	H	A		JMG	2021	03
V2524	CONTROL VALVE	LATER	ASCO/NAMCO LS:EA18	S:REHV20230 31 LS:EA18	RB15	617.0 1500.0 20.0	A	H	A		JMG	2022	03
V2524 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16 S:HV202	RB15	644 1543 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2100	03
V2525	MOTOR OPERATED VALVES	BORON LOAD CONTROL VALVE	LIMITORQUE CORP	BY FIELD	AB25	549.0 1572.0 20.0	E	M	A	ESF	3.9-10	1659	03

SYSTEM # & NAME: O2-CHEMICAL&VOL CONTROL

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
V2525 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C10-2B	AB25	545.0 1577.0 20.0	E	M	B	RPS ESF	3.112	1660	03
V2553	MOTOR OPERATED VALVES	CHGG P 2C BYPASS	LIMITORQUE CORP	SMB-00	AB24	573.0 1548.0 4.0	D	H	A	ESF	3.9-10	1661	03
V2553 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C10-3	AB24	585.0 1558.0 5.0	D	H	B	RPS ESF	3.112	1662	03
V2554	MOTOR OPERATED VALVES	CHGG P 2B BYPASS	LIMITORQUE CORP	SB-00/31964 2	AB24	558.0 1548.0 4.0	D	H	A	ESF	3.9-10	1663	03
V2554 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C10-3	AB24	570.0 1552.0 5.0	D	H	B	RPS ESF	3.112	1664	03
V2555	MOTOR OPERATED VALVES	CHGG P 2A BYPASS	LIMITORQUE CORP	SMB-00	AB24	544.0 1548.0 4.0	D	H	A	ESF	3.9-10	1665	03
V2555 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C10-3	AB24	556.0 1551.0 5.0	D	H	B	RPS ESF	3.112	1666	03
V2650	CONTROL VALVE	BAMT RECIRC		BY FIELD		511.0 1559.00 3.0	A	H	A		1.9A-1	2142	03
V2651	CONTROL VALVE	BAMT RECIRC		BY FIELD		511.0 1538.00 3.0	A	H	A		1.9A-1	2144	03
V3454		HOT LEG INJECT		BY FIELD		0 0	A	H	A		1.9A-1	2177	03
V3456	MOTOR OPERATED VALVES	SDC HX LOCATION	LIMITORQUE CORP	SB-0/25966	AB24	575.0 1467.0 5.0	D	H	A	ESF	3.9-10	1667	03
V3456 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C9-3	AB24	573.0 1469.0 5.0	D	H	B	RPS ESF	3.112	1668	03

TAGS INCLUDED: V2525 PB ----V3456 SS
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X.Y.Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
V3457	MOTOR OPERATED VALVES	SDC HX ISOLATION	LIMITORQUE CORP	SB-0/267837	AB24	567.0 1463.0 5.0	D	H	A	ESF	3.9-10	1669	03
V3457 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C9-3A	AB24	558.0 1463.0 5.0	D	H	B	RPS ESF	3.112	1670	03
V3480	MOTOR OPERATED VALVE	SDC/ISOL VALVE	LIMITORQUE CORPORA	SMB-1/23024	RB15	708.0 1491.0 35.0	A	H	A	ESF	3.9-9	1671	03
V3480 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	489.0 1464.0 43.0	E	M	D	RPS ESF	3.112	1672	02
V3481	MOTOR OPERATED VALVE	SDC ISOL VALVE	LIMITORQUE CORPORA	SMB-1/23023 8	RB15	696.0 1482.0 37.0	A	H	A	ESF	3.9-9	1673	03
V3481 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	546.0 1461.0 43.0	E	M	D	RPS ESF	3.112	1674	02
V3495	CONTROL VALVE	RECIRC.		BY FIELD		574.0 1519.00 5.0	D	H	A		1.9A-1	2178	03
V3495 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C9-3G	AB24	572.0 1515.0 5.0	D	H	B	RPS ESF	3.112	1675	03
V3496 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C9-3G	AB24	557.0 1539.0 -5.0	D	H	B	RPS ESF	3.112	1676	03
V3517	FLOW CONVERTER	LATER	LIMITORQUE CORP	BY FIELD			A		D		CE-ML	0706	02
V3517	MOTOR OPERATED VALVE	SDC BLOCK VALVE	LIMITORQUE CORPORA	SB-0	AB24	573.0 1484.0 5.0	D	H	A	ESF	3.9-9	1677	03
V3517 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-4A	AB24	573.0 1511.0 5.0	D	H	B	RPS ESF	3.112	1678	03

TAGS INCLUDED: V3457 ----V3517 SS
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
V3523		LATER	LIMITORQUE	BY FIELD		598.00 1507.00 20.0	D	H	A		1.9A-1	2176	03
V3523 (LC) FAI		LATER	LIMITORQUE CORP	BY FIELD	AB25	598.0 1507.0 20.0	D	H	A			2128	03
V3523 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C9-3B	AB25	587.0 1509.0 20.0	D	H	B	RPS ESF	3.112	1679	03
V3536	MOTOR OPERATED VALVES	SDC WARMUP	LIMITORQUE CORP	SMB-00/2588 16	AB24	587.0 1486.0 5.0	D	H	A	ESF	3.9-10	1680	03
V3536 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C9-1E	AB24	573.0 1511.0 5.0	D	H	B	RPS ESF	3.112	1681	03
V3539	MOTOR OPERATED VALVES	SDC WARMUP	LIMITORQUE CORP	SMB-1-40	AB24	550.0 1483.0 5.0	D	H	A	ESF	3.9-10	1682	03
V3539 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C8-1E	AB24	550.0 1482.0 5.0	D	H	B	RPS ESF	3.112	1683	03
V3540		HOT LEG INJECT	LIMITORQUE	BY FIELD		598.00 1507.00 20.0	D	H	A		1.9A-1	2145	03
V3540 (LC) FAI		LATER	LIMITORQUE CORP	BY FIELD	AB25	603.0 1492.0 20.0	D	H	A			2125	03
V3540 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C9-3B	AB25	587.0 1495.0 20.0	D	H	B	RPS ESF	3.112	1684	03
V3545	MOTOR OPERATED VALVE	SDC CROSSTIE	LIMITORQUE CORPORA	SMB-1	RB15	682.0 1478.0 36.0	A	H	A	ESF	3.9-9	1685	03
V3545 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB26	589.0 1440.0 48.0	E	M	D	RPS ESF	3.112	1686	02

TAGS INCLUDED: V3523 ----V3545 SS
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
V3550		HOT LEG INJECT	LIMITORQUE	BY FIELD		602.00 1495.00 20.0	D	H	A		1.9A-1	2174	03
V3550 (LC) FAI		LATER	LIMITORQUE CORP	BY FIELD	AB25	602.0 1495.0 20.0	D	H	A			2126	03
V3550 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C9-3B	AB25	587.0 1495.0 20.0	D	H	B	RPS ESF	3.112	1687	03
V3551		HOT LEG INJECT	LIMITORQUE	BY FIELD		598.00 1510.00 20.0	D	H	A		1.9A-1	2175	03
V3551 (LC) FAI		LATER	LIMITORQUE CORP	BY FIELD	AB25	598.0 1510.0 20.0	D	H	A			2127	03
V3551 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C9-3B	AB25	587.0 1509.0 20.0	D	H	B	RPS ESF	3.112	1688	03
V3571	ISOLATION VALVE	HOT LEG LINE CHECK VALVE LEAK DRAIN	ASCO/NAMCO	S :RFHV2023 031	RB15	665.0 1505.0 30.0	A	H	A	ESF	3.9-10	1689	03
V3571 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	12/4/C#16 N11006-	RB15	665 1505 30.0	A	H	A	ESF AUXSUP PAM	MRL<	2101	03
V3572	ISOLATION VALVE	HPSI HOT LEG LINECHECK LEAK DRAIN VALVE	ASCO/NAMCO	S:RFHV2023 031 LS:EA17	RB16	744.0 1500.0 50.0	A	H	A	ESF	3.9-10	1690	03
V3572 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	12/4/C#16 N-11006	RB16	744 1500 50.0	A	H	A	ESF AUXSUP PAM	MRL<	2102	03
V3611		SIT FILL DRAIN		BY FIELD		0 0	A	H	A		1.9A-1	2184	03
V3611		SIT FILL DRAIN		BY FIELD		0 0	A	H	A		1.9A-1	2183	03

TAGS INCLUDED: V3550 ----V3611
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
V3611		SIT DRAIN		BY FIELD		0 0	A	H	A		1.9A-1	2179	03
V3613 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB25	584.0 1467.0 24.0	E	M	D	RPS ESF	3.112	1691	01
V3614	MOTOR OPERATED VALVE	SFTY INJECTION TANK 2B2 DISCH VALVE	LIMITORQUE CORPORA	SMB-2/22297 3	RB15	723.0 1458.0 23.0	A	H	A	 ESF	3.9-9	1692	03
V3614 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	546.0 1461.0 43.0	E	M	D	RPS ESF	3.112	1693	01
V3621		SIT DRAIN		BY FIELD		0 0	A	H	A		1.9A-1	2180	03
V3621		SIT FILL DRAIN		BY FIELD		0 0	A	H	A		1.9A-1	2185	03
V3623 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB25	584.0 1469.0 24.0	E	M	D	RPS ESF	3.112	1694	01
V3624	MOTOR OPERATED VALVE	SFTY INJECTION ON TANK 2A1 DISCH VALVE	LIMITORQUE CORPORA	SMB-2/22297 1	RB15	743.0 1505.0 20.0	A	H	A	 ESF	3.9-9	1695	03
V3631		SIT FILL DRAIN		BY FIELD		0 0	A	H	A		1.9A-1	2186	03
V3631		SIT DRAIN		BY FIELD		0 0	A	H	A		1.9A-1	2181	03
V3633 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB25	584.0 1448.0 24.0	E	M	D	RPS ESF	3.112	1696	01
V3634	MOTOR OPERATED VALVE	SFTY INJECTION TANK 2B1 DISCH VALVE	LIMITORQUE CORPORA	SMB-2/22970	RB15	640.0 1522.0 21.0	A	H	A	 ESF	3.9-9	1697	03

TAGS INCLUDED: V3611 ----V3634
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: O2-CHEMICAL&VOL CONTROL

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
V3634 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	489.0 1464.0 43.0	E	M	D	RPS ESF	3.112	1698	01
V3641		SIT DRAIN		BY FIELD		0 0	A	H	A		1.9A-1	2182	03
V3643 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB25	584.0 1450.0 24.0	E	M	D	RPS ESF	3.112	1699	01
V3644	MOTOR OPERATED VALVE	SFTY INJECTION TANK 2A2 DISCH VALVE	LIMITORQUE CORPORA	SMB-2/22297 2	RB15	641.0 1466.0 23.0	A	H	A	 ESF	3.9-9	1700	03
V3644 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	489.0 1464.0 43.0	E	M	D	RPS ESF	3.112	1701	01
V3651	MOTOR OPERATED VALVE	SDC ISOL VALVE	LIMITORQUE CORPORA	SMB-1/23024 6	RB15	663.0 1491.0 30.0	A	H	A	 ESF	3.9-9	1702	03
V3651 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	489.0 1464.0 43.0	E	M	D	RPS ESF	3.112	1703	01
V3652	MOTOR OPERATED VALVE	SDC ISOL VALVE	LIMITORQUE CORPORA	SMB-1/23023 9	RB15	667.0 1497.0 34.0	A	H	A	 ESF	3.9-9	1704	03
V3652 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	546.0 1461.0 43.0	E	M	D	RPS ESF	3.112	1705	01
V3654	MOTOR OPERATED VALVE	LTR	LIMITORQUE CORPORA	SB-0 S/N 220	AB24	556.0 1505.0 -1.0	D	H	A	 ESF	3.9-9	1706	03
V3654 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M	AB24	569.0 1506.0 -1.0	D	H	B	RPS ESF	3.112	1707	03
V3656	MOTOR OPERATED VALVE	LATER	LIMITORQUE CORPORA	SB-0/255148	AB24	580.0 1505.0 -1.0	D	H	A	 ESF	3.9-9	1708	03

TAGS INCLUDED: V3634 SS ----V3656
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
V3656 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M	AB24	585.0 1502.0 5.0	D	H	B	RPS. ESF	3.112	1709	03
V3658	MOTOR OPERATED VALVE	SDC HX ISOL	LIMITORQUE CORPORA	SB-0/224145	AB24	556.0 1468.0 -1.0	D	H	A	ESF	3.9-9	1710	03
V3658 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C9-3A	AB24	558.0 1463.0 5.0	D	H	B	RPS ESF	3.112	1711	03
V3659	MOTOR OPERATED VALVES	SI PUMP RECIRCULATION CLOSE (RAS)	LIMITORQUE CORP	SMB-00/4130 3	AB24	573.0 1513.0 -1.0	D	H	A	ESF	3.9-10	1712	03
V3659 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C8-5	AB24	584.0 1501.0 5.0	D	H	B	RPS ESF	3.112	1713	03
V3660	MOTOR OPERATED VALVES	SI PUMP RECIRCULATION CLOSE (RAS)	LIMITORQUE CORP	SMB-00	AB24	552.0 1538.0 -1.0	D	H	A	ESF	3.9-10	1714	03
V3660 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C9-1E	AB24	554.0 1539.0 5.0	D	H	B	RPS ESF	3.112	1715	03
V3664	MOTOR OPERATED VALVES	SDC ISOL VALVE	LIMITORQUE CORP	SB-0	AB25	590.0 1522.0 20.0	D	H	A	ESF	3.9-10	1716	03
V3664 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C9-3B	AB25	587.0 1495.0 20.0	D	H	B	RPS ESF	3.112	1717	03
V3665	MOTOR OPERATED VALVES	SDC ISOL VALVE	LIMITORQUE CORP	SB-0/267838	AB25	603.0 1517.0 20.0	D	H	A	ESF	3.9-10	1718	03
V3665 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C9-3B	AB25	587.0 1509.0 20.0	D	H	B	RPS ESF	3.112	1719	03
V5200 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB16	744 1500 50.0	A	H	D	ESF AUXSUP PAM	MRL<	2103	02

TAGS INCLUDED: V3656 PB ----V5200 CM

SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 05-SAMPLING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
V5200 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	541.0 1462.0 43.0	E	M	D	RPS ESF	3.112	1720	02
V5201 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16	RB16	744 1500 50.0	A	H	D	ESF AUXSUP PAM	MRL<	2104	02
V5201 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	541.0 1462.0 43.0	E	M	D	RPS ESF	3.112	1721	02
V5202 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16	RB16	744 1500 50.0	A	H	D	ESF AUXSUP PAM	MRL<	2105	02
V5202 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	541.0 1462.0 43.0	E	M	D	RPS ESF	3.112	1722	02
V5203 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C9-9	AB25	587.0 1521.0 20.0	D	H	B	RPS ESF	3.112	1723	03
V5204 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C9-9	AB25	587.0 1521.0 20.0	D	H	B	RPS ESF	3.112	1724	03
V5205 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C9-9	AB25	587.0 1521.0 20.0	D	H	B	RPS ESF	3.112	1725	03
V6346 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16	RB16	744 1500 50.0	A	H	A	ESF AUXSUP PAM	MRL<	2106	03
V6718 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16	RB16	744 1500 50.0	A	H	A	ESF AUXSUP PAM	MRL<	2107	03
V6718(F.C)		LATER		BY FIELD	RB15	621.0 1522.0 29.0	A	H	A			2129	03
V6750(F.C)		LATER		BY FIELD	AB25	601.0 1528.0 20.0	D	H	A			2130	03

TAGS INCLUDED: V5200 SS ----V6750(F.C)
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 55-CABLE ASSEMBLIES

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
WCSF-N SERIES	HEAT SHRINK TUBING	PROVIDE QUALIFIED SPLICES THROUGHOUT	RAYCHEM	WCSF-N	RB15	636 1537 21.0	A	H	A	RPS ESF AUXSUP	3.11-2	1937	03
WG COMPR 2A		LATER		BY FIELD	AB24	563.0 1579.0 -1.0	E	M	D		3.112	1726	01
WHM-955D		D.G #2A		BY FIELD	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	1732	01
WHM-965D		D.G #2B		BY FIELD	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	1733	01
WM-1606-1		DIESEL GEN 2B		BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	SD	7.5-1	1734	02
WM-1606-1		DIESEL GEN 2B		BY FIELD	AB27	519.0 1391.0 43.0	E	M	D		7.5-1	1735	01
X-1	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2ARPS-A					D	PAM	7.3-L	1736	01
X-2	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2ARPS-A					D	PAM	7.3-L	1737	01
X-3	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2ARPS-A					D	PAM	7.3-L	1738	01
X-4	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2ARPS-A					D	PAM	7.3-L	1739	01
X-5	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2ARPS-A					D	PAM	7.3-L	1740	01
X-6	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2ARPS-A					D	PAM	7.3-L	1741	01

TAGS INCLUDED: WCSF-N SERIES ----X-6
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: -

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
XD1-1	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1742	01
XD1-2	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1743	01
XD1-3	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1744	01
XD1-4	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1745	01
XD1-5	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1746	01
XD2-1	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1747	01
XD2-2	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1748	01
XD2-3	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1749	01
XD2-4	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1750	01
XD2-5	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1751	01
XD3-1	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1752	01
XD3-2	POWER SUPPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1753	01

TAGS INCLUDED: XD1-1 ----XD3-2
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: -

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
XD3-3	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10					D	PAM	7.3-L	1754	01
XD4-1	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10					D	PAM	7.3-L	1755	01
XD4-2	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10					D	PAM	7.3-L	1756	01
XD4-3	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10					D	PAM	7.3-L	1757	01
XD5-1	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10					D	PAM	7.3-L	1758	01
XD5-2	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10					D	PAM	7.3-L	1759	01
XD5-3	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10					D	PAM	7.3-L	1760	01
XD6-1	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10					D	PAM	7.3-L	1761	01
XD6-2	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10					D	PAM	7.3-L	1762	01
XD6-3	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10					D	PAM	7.3-L	1763	01
ZI-25-17	POSITION INDICATING	CONTROL ROOM SOUTH ISO. VALVE POSITION		BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP SD PAM	7.5-1	1764	02
ZI-3301	POS. IND CNTRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C		D	ESF SD PAM	CE-ML	1765	01

TAGS INCLUDED: XD3-3 ----ZI-3301
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
ZI-3306	POS. IND CN TRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1766	01
ZI-3512	POS. IND CN TRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1767	01
ZI-3523	POS. IND CN TRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1768	01
ZI-3536	POS. IND CN TRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1769	01
ZI-3539	POS. IND CN TRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1770	01
ZI-3540	POS. IND CN TRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1771	01
ZI-3545	POS. IND CN TRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1772	01
ZI-3614	POS. IND CN TRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1773	01
ZI-3615	POS. IND CN TRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1774	01
ZI-3616	POS. IND CN TRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1775	01
ZI-3617	POS. IND CN TRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1776	01
ZI-3624	POS. IND CN TRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1777	01

TAGS INCLUDED: ZI-3306 ----ZI-3624
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
ZI-3625	POS. IND CNTRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1778	01
ZI-3626	POS. IND CNTRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1779	01
ZI-3627	POS. IND CNTRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1780	01
ZI-3634	POS. IND CNTRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1781	01
ZI-3635	POS. IND CNTRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1782	01
ZI-3636	POS. IND CNTRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1783	01
ZI-3637	POS. IND CNTRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1784	01
ZI-3644	POS. IND CNTRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1785	01
ZI-3645	POS. IND CNTRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1786	01
ZI-3646	POS. IND CNTRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1787	01
ZI-3647	POS. IND CNTRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1788	01
ZI-3657	POS. IND CNTRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1789	01

TAGS INCLUDED: ZI-3625 ----ZI-3657
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-CONTAINMENT PURGE

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X.Y.Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
ZS-25-10	POSITION SWITCH	VLV I-FCV-25-5 CONT.PURGE EXHAUST	NAMCO	EA-74022010 O	RB19	615* 1496* 54.0	A	H	A		MRL	1814	03
ZS-25-100	POSITION SWITCH	DAMPER D-30 FUEL POOL SUPPLY	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O		M	D	PAM	3.11-2	1815	01
ZS-25-101	POSITION SWITCH	LATER	NAMCO	EA-170 SERIES SEE REF		SEE SERVICE O EQUIP	E	H	D		MRL	1816	02
ZS-25-102	POSITION SWITCH	DAMPER D-30 FUEL POOL SUPP DAMPER D-31	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O		M	D	PAM	3.11-2	1817	01
ZS-25-103	POSITION SWITCH	DAMPER D-30 FUEL POOL SUPP DAMPER D-31	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O		M	D	PAM		1818	01
ZS-25-104	POSITION SWITCH	DAMPER D-32 FUEL POOL EXHAUST	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O		M	D	PAM	3.11-2	1819	01
ZS-25-105	POSITION SWITCH	DAMPER D-32 FUEL POOL EXHAUST	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O		M	D	PAM		1820	01
ZS-25-106	POSITION SWITCH	DAMPER D-33 FHB VENT SUPPLY	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O		M	D	PAM		1821	01
ZS-25-107	POSITION SWITCH	DAMPER D-33 FHB VENT. SUPPLY	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O		M	D	PAM		1822	01
ZS-25-108	POSITION SWITCH	DAMPER D-34 FHB VENT. SUPPLY	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O		M	D	PAM		1823	01
ZS-25-109	POSITION SWITCH	DAMPER D-34 FHB VENT SUPPLY	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O		M	D	PAM		1824	01
ZS-25-11	POSITION SWITCH	VLV I-FCV-25-5 CONT.PURGE EXHAUST	NAMCO	EA-74022010 O	RB19	615.0* 1496.0* 54.0	A	H	A	PAM	3.11-2	1825	03

TAGS INCLUDED: ZS-25-10 ----ZS-25-11
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-FUEL POOL VENT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
ZS-25-110	POSITION SWITCH	DAMPER D-35 FHB VENT.EXH.	NAMCO	EA-170 SERIES	SEE EQUIP.	SERVICE O 0		M	D	PAM		1826	01
ZS-25-111	POSITION SWITCH	DAMPER D-35 FHB VENT.EXH.	NAMCO	BY FIELD	SEE EQUIP.	SERVICE O 0		M	D	PAM		1827	01
ZS-25-112	POSITION SWITCH	DAMPER D-36 FHB VENT EXH	NAMCO	BY FIELD	SEE EQUIP.	SERVICE O 0		M	D	PAM		1828	01
ZS-25-113	POSITION SWITCH	DAMPER D-36 FHB VENT EXH	NAMCO	BY FIELD	SEE EQUIP.	SERVICE O 0		M	D	PAM		1829	01
ZS-25-116	POSITION SWITCH	ECCS ISOL D-8B	NAMCO	EA-170 SERIES SEE REF	AB24	558.0 1459.0 5.0	D	H	A	PAM	3.11-2	0043	03
ZS-25-117	POSITION SWITCH	ECCS ISOL D-8B	NAMCO	EA-170 SERIES SEE REF	AB24	558.0 1459.0 5.0	D	H	A	PAM	3.11-2	0044	03
ZS-25-118	POSITION SWITCH	ECCS SUPPLY D-4	NAMCO	EA-170 SERIES SEE REF	AB24	557.0 1485.0 5.0	D	H	A	PAM	3.11-2	0035	03
ZS-25-119	POSITION SWITCH	ECCS SUPPLY D-4	NAMCO	EA-170 SERIES SEE REF	AB24	557.0 1485.0 5.0	D	H	A	PAM	3.11-2	0036	03
ZS-25-12	POSITION SWITCH	VLV I-FCV-25-6 CONT.PURGE EXHAUST	NAMCO	LS:EA740201 00	AB27	609 * 1493 * 43.0	D	H	A	PAM	3.11-2	1831	03
ZS-25-120	POSITION SWITCH	ECCS SUPPLY D-2	NAMCO	EA-170 SERIES SEE REF	AB24	573.0 1484.0 5.0	D	H	A	PAM	3.11-2	0031	03
ZS-25-121	POSITION SWITCH	ECCS SUPPLY D-2	NAMCO	EA-170 SERIES SEE REF	AB24	573.0 1484.0 5.0	D	H	A	PAM	3.11-2	0032	03
ZS-25-122	POSITION SWITCH	ECCS SUPPLY D-3	NAMCO	EA-170 SERIES SEE REF	AB24	564.0 1486.0 5.0	D	H	A	PAM	3.11-2	0033	03

TAGS INCLUDED: ZS-25-110 ----ZS-25-122
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-HEATING & VENTILATING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
ZS-25-123	POSITION SWITCH	ECCS SUPPLY D-3	NAMCO	EA-170 SERIES SEE REF	AB-24	564.0 1486.0 5.0	D	H	A	PAM	3.11-2	0034	03
ZS-25-13	POSITION SWITCH	VLV I-FCV-25-6 CONT.PURGE EXHAUST	NAMCO	LS:EA740201 00	AB27	609 * 1493 * 43.0	D	H	A	PAM	3.11-2	1832	03
ZS-25-14	POSITION SWITCH	VLV I-FCV-25-7 CONT.VACUUM RELIEF	NAMCO	EA-740 SERIES	RB19	742 * 1455 * 72.0	A	H	A	PAM	3.11-2	1833	03
ZS-25-15	POSITION SWITCH	VLV I-FCV-25-7 CONT.VACUUM RELIEF	NAMCO	EA-740 SERIES	RB19	742 * 1455 * 72.0	A	H	A	PAM	3.11-2	1834	03
ZS-25-16	POSITION SWITCH	VLV I-FCV-25-8 CONT.VACUUM RELIEF	NAMCO	EA-740 SERIES	RB19	734 * 1444 * 72.0	A	H	A	PAM	3.11-2	1835	03
ZS-25-17	POSITION SWITCH	VLV I-FCV-25-8 CONT.VACUUM RELIEF	NAMCO	EA-740 SERIES	RB19	734 * 1444 * 72.0	A	H	A	PAM	3.11-2	1836	03
ZS-25-18	POSITION SWITCH	ECCS SUPPLY D-1	NAMCO	EA-170 SERIES SEE REF	AB24	581.0 1486.0 5.0	D	H	A	PAM	3.11-2	0029	03
ZS-25-19	POSITION SWITCH	ECCS SUPPLY D-1	NAMCO	EA-170 SERIES SEE REF	AB24	581.0 1486.0 5.0	D	H	A	PAM	3.11-2	0030	03
ZS-25-2	POSITION SWITCH	VLV I-FCV-25-1 CONT.PURGE INTAKE	NAMCO	EA-74020100	AB25	628 * 1552 * 20.0	E	M	A	PAM	3.11-2	1837	03
ZS-25-20	POSITION SWITCH	VLV I-FCV25-15 CONT.RM SOUTH O.A.I.	NAMCO	EA-740 SERIES	SEE	SERVICE EQUIP. *	E		D	PAM	3.11-2	1838	02
ZS-25-21	POSITION SWITCH	VLV I-FCV25-15 CONT.RM.SOUTH O.A.I.	NAMCO	BY FIELD	SEE	SERVICE EQUIP. O			D	PAM		1839	01
ZS-25-22	POSITION SWITCH	VLV I-FCV25-14 CONTROL RM. NORTH O.A.I.	NAMCO	BY FIELD	SEE	SERVICE EQUIP. O			D	PAM		1840	01

TAGS INCLUDED: ZS-25-123 ----ZS-25-22
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-CONTROL RM AC

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
ZS-25-23	POSITION SWITCH	VLV I-FCV25-14 CONTROL RM. NORTH O.A.I.	NAMCO	BY FIELD	SEE	SERVICE O! EQUIP. O!			D	PAM		1841	01
ZS-25-24	POSITION SWITCH	DAMPER D-17A SYSTEM 2 HVE-13A	NAMCO	BY FIELD	SEE	SERVICE O! EQUIP. O!		M	D	PAM		1842	01
ZS-25-25	POSITION SWITCH	DAMPER D-17 SYSTEM 2 HVE-13A	NAMCO	BY FIELD	SEE	SERVICE O! EQUIP. O!		M	D	PAM		1843	01
ZS-25-26	POSITION SWITCH	DAMPER D-18A SYSTEM 2 HVE-13A	NAMCO	BY FIELD	SEE	SERVICE O! EQUIP. O!		M	D	PAM		1844	01
ZS-25-27	POSITION SWITCH	DAMPER D-18A SYSTEM 2 HVE-13A	NAMCO	BY FIELD	SEE	SERVICE O! EQUIP. O!		M	D	PAM		1845	01
ZS-25-28	POSITION SWITCH	DAMPER D-19 SYSTEM 2 HVE-13B	NAMCO	BY FIELD	SEE	SERVICE O! EQUIP. O!		M	D	PAM		1846	01
ZS-25-29	POSITION SWITCH	DAMPER D-19 SYSTEM 2 HVE-13B	NAMCO	BY FIELD	SEE	SERVICE O! EQUIP. O!		M	D	PAM		1847	01
ZS-25-3	POSITION SWITCH	VLV I-FCV-25-1 CONT.PURGE INTAKE	NAMCO	EA-74020100	AB25	628 *! 1552 *! 20.0	E	M	A		3.11-2	1848	03
ZS-25-30	POSITION SWITCH	VLV I-FCV25-12 SYSTEM 2HVE-6B	NAMCO	EA740 SERIES	AB27	602.00! 1518.00! 43.0	D	H	A	PAM	3.11-2	1849	03
ZS-25-31	POSITION SWITCH	VLV I-FCV25-12 SYSTEM 2HVE-6B	NAMCO	EA740 SERIES	AB27	602.00! 1518.00! 43.0	D	H	A	PAM	3.11-2	1850	03
ZS-25-32	POSITION SWITCH	VLV FCV-25-11 SYSTEM 2HVE-6A	NAMCO	EA740 SERIES	AB27	606.00! 1537.00! 47.0	D	H	A	PAM	3.11-2	1851	03
ZS-25-33	POSITION SWITCH	VLV I-FCV25-11 SYSTEM 2HVE-6A	NAMCO	EA 740 SERIES	AB27	606.00! 1537.00! 47.0	D	H	A	PAM	3.11-2	1852	03

TAGS INCLUDED: ZS-25-23 ----ZS-25-33
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-HEATING & VENTILATING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
ZS-25-35	POSITION SWITCH	VLV I-FCV25-13 SYS 2HVE-6A&B	NAMCO	EA740 SERIES	AB27	586.00 1531.00 43.0	D	H	A	PAM	3.11-2	1853	03
ZS-25-36	POSITION SWITCH	DAMPER D-5A ECCS EXHAUST SYSTEM	NAMCO	EA1801302 (REF. 3	AB24	558.0 1451.0 5.0	D	H	A	PAM	3.11-2	1854	03
ZS-25-37	POSITION SWITCH	D-5A	NAMCO	EA1801302	AB24	560.0 1451.0 5.0	D	H	A	PAM	3.11-2	1855	03
ZS-25-38	POSITION SWITCH	D-5B	NAMCO	EA180310302 (REF.3)	AB24	555.0 1451.0 5.0	D	H	A	PAM	3.11-2	1856	03
ZS-25-39	POSITION SWITCH	D-5B	NAMCO	EA18032302 (REF.3)	AB24	556.0 1451.0 5.0	D	H	A	PAM	3.11-2	1857	03
ZS-25-4	POSITION SWITCH	VLV I-FCV-25-2 CONT.PURGE INTAKE	NAMCO	EA-74080100	RB19	626 * 1540 * 33.0	A	H	A	PAM	3.11-2	1858	03
ZS-25-40	POSITION SWITCH	D-6A	NAMCO	EA18031302	AB24	560.0 1419.0 5.0	D	H	A	PAM	3.11-2	1859	03
ZS-25-41	POSITION SWITCH	DAMPER D-6A ECCS EXHAUST SYSTEM	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O		H	A	PAM	3.11-2	1860	03
ZS-25-42	POSITION SWITCH	D-6B	NAMCO	EA18031302 (REF.3)	AB24	555. O 1419. O 5.0	D	H	A	PAM	3.11-2	1861	03
ZS-25-43	POSITION SWITCH	DAMPER D-6B ECCS EXHAUST SYSTEM	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O		H	A	PAM	3.11-2	1862	03
ZS-25-44	POSITION SWITCH	D-9A	NAMCO	EA-170 SERIES SEE REF	AB24	547. O 1515. O 15.0	D	H	A	PAM	3.11-2	1863	03
ZS-25-45	POSITION SWITCH	D-9A	NAMCO	EA-170 SERIES SEE REF	AB24	546. O 1515. O 15.0	D	H	A	PAM	3.11-2	1866	03

TAGS INCLUDED: ZS-25-35 ----ZS-25-45B
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-ECCS VENTILATING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
ZS-25-46	POSITION SWITCH	D-9B	NAMCO	EA-170 SERIES SEE REF	AB24	551. O 1515. O 15.0	D	H	A	PAM	3.11-2	1869	03
ZS-25-47	POSITION SWITCH	D-9B	NAMCO	EA-170 SERIES SEE REF	AB24	550. O 1515. O 15.0	D	H	A	PAM	3.11-2	1872	03
ZS-25-48	POSITION SWITCH	D-12A	NAMCO	EA-170 SERIES SEE REF		SEE SERVICE EQUIP O	E	M	D	PAM	3.11-2	1875	02
ZS-25-49	POSITION SWITCH	DAMPER D-12A ECCS EXHAUST SYSTEM	NAMCO	BY FIELD	SEE	SERVICE EQUIP. O		M	D	PAM		1876	01
ZS-25-5	POSITION SWITCH	VLV I-FCV-25-2 CONT.PURGE INTAKE	NAMCO	EA-74080100	RB19	626 * 1540 * 23	A	H	A	PAM	3.11-2	1877	03
ZS-25-50	POSITION SWITCH	D-16	NAMCO	EA-170 SERIES SEE REF	AB27	577. O 1513. O 20.0	E	H	A	PAM	3.11-2	1878	03
ZS-25-51	POSITION SWITCH	DAMPER D-12B ECCS EXHAUST SYSTEM	NAMCO	BY FIELD	SEE	SERVICE EQUIP. O		M	D	PAM		1879	01
ZS-25-52	POSITION SWITCH	D-13	NAMCO	EA-170 SERIES SEE REF	AB27	557. O 1535. O 53.0	D	H	A	PAM	3.11-2	1880	03
ZS-25-53	POSITION SWITCH	D-13	NAMCO	EA-170 SERIES SEE REF	AB27	557. O 1533. O 53.0	D	H	A	PAM	3.11-2	1883	03
ZS-25-54	POSITION SWITCH	D-14	NAMCO	EA-170 SERIES SEE REF	AB27	546. O 1533. O 53.0	D	H	A	PAM	3.11-2	1886	03
ZS-25-55	POSITION SWITCH	D-14	NAMCO	EA-170 SERIES SEE REF	AB27	546. O 1535. O 53.0	D	H	A	PAM	3.11-2	1889	03
ZS-25-56	POSITION SWITCH	D-15	NAMCO	EA-170 SERIES SEE REF	AB27	583. O 1568. O 53.0	D	H	A	PAM	3.11-2	1892	03

TAGS INCLUDED: ZS-25-46 ----ZS-25-56B
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-SHIELD BLDG. VENT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
ZS-25-57	POSITION SWITCH	D-15	NAMCO	EA-170 SERIES SEE REF	AB27	583. O 1569. O 53.O	D	H	A	PAM	3.11-2	1895	03
ZS-25-58	POSITION SWITCH	D-16	NAMCO	EA-170 SERIES SEE REF	AB27	584.O 1575. O 53.O	E	H	A	PAM	3.11-2	1898	03
ZS-25-58	POSITION SWITCH	D-16	NAMCO	EA-170 SERIES SEE REF	AB27	584.O 1575. O 53.O	D	H	A	PAM	3.11-2	0098	03
ZS-25-59	POSITION SWITCH	DAMPER D-16 SYS 2HVE-9B	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O		M	D	PAM		1901	01
ZS-25-6	POSITION SWITCH	VLV I-FCV-25-3 CONT.PURGE INTAKE	NAMCO	EA-740 2010 O	RB15	631 * 1540 * 33.O	A	H	A	PAM	3.11-2	1904	03
ZS-25-60	POSITION SWITCH	VLV I-FCV25-16 CONTROL RM. NORTH O.A.I.	NAMCO CORP.	EA-740 SERIES	SEE	SERVICE * EQUIP. *			D	PAM	3.11-2	1905	02
ZS-25-62	POSITION SWITCH	VLV I-FCV25-17 CONTROL RM. SOUTH O.A.I.	NAMCO CORP.	EA-740 SERIES	SEE	SERVICE * EQUIP. *			D	PAM	3.11-2	1906	02
ZS-25-63	POSITION SWITCH	VLV I-FCV25-17 CONTROL RM. SOUTH O.A.I.	NAMCO CORP.	EA-740 SERIES	SEE	SERVICE * EQUIP. *			D	PAM		1907	01
ZS-25-64	POSITION SWITCH	VLV I-FCV25-18 SYS 2HVE-14	NAMCO CORP.	EA-740 SERIES	SEE	SERVICE * EQUIP. *			D	PAM	3.11-2	1908	02
ZS-25-65	POSITION SWITCH	VLV I-FCV25-18 SYS 2HVE-14	NAMCO CORP.	EA-740 SERIES	SEE	SERVICE * EQUIP. *			D	PAM	3.11-2	1909	02
ZS-25-66	POSITION SWITCH	VLV I-FCV25-19 SYS 2HVE-14	NAMCO CORP.	EA-740 SERIES	SEE	SERVICE * EQUIP. *			D	PAM	3.11-2	1910	02
ZS-25-67	POSITION SWITCH	VLV I-FCV25-19 SYS 2HVE-14	NAMCO CORP.	EA-740 SERIES	SEE	SERVICE * EQUIP. *			D	PAM	3.11-2	1911	02

TAGS INCLUDED: ZS-25-57 ----ZS-25-67
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-CONTAINMENT PURGE

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
ZS-25-7	POSITION SWITCH	VLV I-FCV-25-3 CONT.PURGE INTAKE	NAMCO	EA-740 2010 O	RB15	631 * 1540 * 33.0	A	H	A	PAM	3.11-2	1912	03
ZS-25-72	POSITION SWITCH	DAMPER D-17B SYS 2HVE-13B	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O		M	D	PAM		1913	01
ZS-25-73	POSITION SWITCH	DAMPER D-17B SYS 2HVE-13B	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O		M	D	PAM		1914	01
ZS-25-74	POSITION SWITCH	VLV I-FCV25-33 SYS 2HVE-6B	NAMCO	EA-740 SERI ES	AB27	608 * 1511 * 47.0	D	H	A	PAM	3.11-2	1915	03
ZS-25-75	POSITION SWITCH	VLV I-FCV25-33 SYS 2HVE-6A	NAMCO	EA-740 SERI ES	AB27	608 * 1511 * 47.0	D	H	A	PAM	3.11-2	1916	03
ZS-25-76	POSITION SWITCH	VLV I-FCV25-32 SYS 2HVE-6A	NAMCO	EA-740 SERI ES	AB27	612 * 1527 * 47.0	D	H	A	PAM	3.11-2	1917	03
ZS-25-77	POSITION SWITCH	VLV I-FCV25-32 SYS 2HVE-6A	NAMCO	EA-740 SERI ES S/N-261	AB27	612 * 1527 * 47.0	D	H	A	PAM	3.11-2	1918	03
ZS-25-78	POSITION SWITCH	VLV I-FCV25-31 SYS 2HVE-6B	NAMCO	EA-740 SERI ES	AB27	604 * 1515 * 47.0	D	H	A	PAM	3.11-2	1919	03
ZS-25-79	POSITION SWITCH	VLV I-FCV25-31 SYS 2HVE-6B	NAMCO	EA-740 SERI ES	AB27	604 * 1515 * 47.0	D	H	A	PAM	3.11-2	1920	03
ZS-25-8	POSITION SWITCH	VLV I-FCV-25-4 CONT.PURGE EXHAUST	NAMCO	EA-740 2010 O	RB16	618 * 1499 * 45.0	A	H	A	PAM	3.11-2	1921	03
ZS-25-80	POSITION SWITCH	VLV I-FCV25-30 SYS 2HVE-6A	NAMCO	EA-740 SERI ES	AB27	609 * 1532 * 47.0	D	H	A	PAM	3.11-2	1922	03
ZS-25-81	POSITION SWITCH	VLV I-FCV25-30 SYS 2HVE-6A	NAMCO	EA-740 SERI ES S/N-262	AB27	609 * 1532 * 47.0	D	H	A	PAM	3.11-2	1923	03

TAGS INCLUDED: ZS-25-7 ----ZS-25-81
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-SHIELD BLDG. VENT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
ZS-25-82	POSITION SW ITCH	VLV I-FCV25-29 SYS 2HVE-6B	NAMCO	EA-740 SERI ES	AB27	611 * 1521 * 47.0	D	H	A	PAM	3.11-2	1924	03
ZS-25-83	POSITION SW ITCHCH	VLV I-FCV25-29 SYS 2HVE-6B	NAMCO	EA-740 SERI ES S/N-298	AB27	611* 1521* 47.0	D	H	A	PAM	3.11-2	1925	03
ZS-25-84	POSITION SW ITCH	VLV I-FCV25-34 SYS 2HVE-6A	NAMCO	EA-740 SERI ES S/N-298	AB27	612 * 1523 * 47.0	D	H	A	PAM	3.11-2	1926	03
ZS-25-85	POSITION SWITCH	VLV I-FCV25-34 SYS 2HVE-6A	NAMCO	EA-740 SERI ES	AB27	612.0 * 1523.0 * 47.0	D	H	A	PAM	3.11-2	1927	03
ZS-25-86	POSITION SW ITCH	ECCS ISOL D-7A	NAMCO	EA-170 SERI ES SEE REF	AB24	5380 14190 5.0	E	H	D	PAM	3.11-2	0037	02
ZS-25-87	POSITION SW ITCH	ECCS ISOL D-7A	NAMCO	EA-170 SERI ES SEE REF	AB24	5380 14190 5.0	E	H	D	PAM	3.11-2	0038	02
ZS-25-88	POSITION SW ITCH	VLV I-FCV25-26 H2 PURGE INTAKE	NAMCO	EA-740 SERI ES	AB27	609* 1516* 45.0	D	H	A	PAM	3.11-2	1928	03
ZS-25-89	POSITION SW ITCH	VLV I-FCV25-26 H2 PURGE INTAKE	NAMCO	EA-740 SERI ES	AB27	609. * 1516. * 45.0	D	H	A	PAM	3.11-2	1929	03
ZS-25-9	POSITION SW ITCHCH	VLV I-FCV-25-4 CONT.PURGE INTAKE	NAMCO	EA-74020100	RB16	618* 1499* 45.0	A	H	A	PAM	3.11-2	1930	03
ZS-25-90	POSITION SW ITCH	ECCS ISOL D-7B	NAMCO	EA-170 SERI ES SEE REF	AB24	5370 14960 5.0	E	H	D	PAM	3.11-2	0039	02
ZS-25-91	POSITION SW ITCH	ECCS ISOL D-7B	NAMCO	EA-170 SERI ES SEE REF	AB24	5370 14960 5.0	E	H	D	PAM	3.11-2	0040	02
ZS-25-92	POSITION SW ITCH	VLV I-FCV25-21 H2 PURGE EXHAUST	NAMCO CORP.	EA-740 SERI ES	AB27	609 * 1518. * 45.0	D	H	A	PAM	3.11-2	1931	03

TAGS INCLUDED: ZS-25-82 ----ZS-25-92
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-CONTAINMENT PURGE

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
ZS-25-93	POSITION SWITCH	VLV I-FCV25-21 H2 PURGE EXHAUST	NAMCO	EA-740 SERIES	AB27	609 * 1518 * 45.0	D	H	A	PAM	3.11-2	1932	03
ZS-25-94	POSITION SWITCH	ECCS ISOL D-8A	NAMCO	EA-170 SERIES SEE REF	AB24	558. O 1460. O 5.0	D	H	A	PAM	3.11-2	0041	03
ZS-25-95	POSITION SWITCH	ECCS ISOL D-8A	NAMCO	EA-170 SERIES SEE REF	AB24	558. O 1460. O 5.0	D	H	A	PAM	3.11-2	0042	03
ZS-25-96	POSITION SWITCH	VLV I-FCV25-20 H2 PURGE EXHAUST	NAMCO	EA-740 SERIES	RB16	618 * 1512. * 47.0	A	H	A	PAM	3.11-2	1933	03
ZS-25-97	POSITION SWITCH	VLV I-FCV25-20 H2 PURGE EXHAUST	NAMCO	EA-740 SERIES	RB16	618 * 1512. * 47.0	A	H	A	PAM	3.11-2	1934	03
ZS-25-98	POSITION SWITCH	DAMPER D-29 FUEL POOL INTAKE	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O		M	D	PAM		1935	01
ZS-25-99	POSITION SWITCH	DAMPER D-29 FUEL POOL INTAKE	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O		M	D	PAM		1936	01
2HVA/ACC-3A		LATER		BY FIELD	AB28	574.O 1456.O 62.0	E	M	D		MRL	2013	02
2HVA/ACC-3A THRMS		LATER		BY FIELD	AB28	576.O 1451.O 66.0	E	M	D			2014	02
2HVA/ACC-3B		LATER		BY FIELD	AB28	561.O 1456.O 62.0	E	M	D			2015	02
2HVA/ACC-3C		LATER		BY FIELD	AB28	546.O 1456.O 62.0	E	M	D			2016	02
2HVA/ACC-3C THRMS		LATER		BY FIELD	AB28	548.O 1451.O 66.0	E	M	D			2017	02

TAGS INCLUDED: ZS-25-93 ----2HVA/ACC-3C THR
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-HEATING & VENTILATING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
2HVE-10B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-2A	AB27	545.0 1520.0 46.0	D	H	B	RPS ESF	3.112	1790	03
2HVE-13A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB28	500.0 1409.0 65.0	E	M	D	SD	3.112	1791	01
2HVE-13B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB28	508.0 1409.0 67.0	E	M	D	SD	3.112	1792	01
2HVE-41A SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	IT05	639.0 1043.0 20.0	I	M	D	SD	3.112	1793	01
2HVE-6A	FAN MOTOR	SHIELD BLDG. VENT SYSTEM FANS	WESTINGHOUS E	L-987971 7905-01	AB27	571.0 1534.0 43.0	D	H	A	ESF	CMM	0142	03
2HVE-6A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M	AB27	571.0 1540.0 43.0	D	H	B	RPS ESF	3.112	1794	03
2HVE-6B	FAN MOTOR	SHIELD BLDG. VENT SYSTEM FANS	WESTINGHOUS E	L-987971 7905-01	AB27	570.0 1512.0 43.0	D	H	A	ESF	CMM	0143	03
2HVE-6B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M	AB27	571.0 1519.0 43.0	D	H	B	RPS ESF	3.112	1795	03
2HVE-9A	FAN MOTOR	ECCS AREA EXHAUST FAN	WESTINGHOUS E	TBDP/7908	AB27	544.0 1526.0 43.0	D	H	A	ESF	7.3-2	1796	03
2HVE-9A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M	AB27	543.0 1523.0 43.0	D	H	B	RPS ESF	3.112	1797	03
2HVE-9B	FAN MOTOR	ECCS AREA EXHAUST FAN	WESTINGHOUS E	7908	AB27	576.0 1562.0 43.0	E	M	A	ESF	7.3-2	1798	03
2HVE-9B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M	AB27	573.0 1561.0 43.0	E	M	B	RPS ESF	3.112	1799	03

TAGS INCLUDED: 2HVE-10B PB ----2HVE-9B PB
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-CONT. FAN COOLERS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
2HVS-1A	FAN MOTOR	CONTAINMENT HEAT REMOVAL	RELIANCE	1XF882438A3 -NE GF-2121	RB15	734.0 1545.0 41.0	A	H	A	ESF	7.3-2	1800	03
2HVS-1B	FAN MOTOR	CONTAINMENT HEAT REMOVAL	RELIANCE	1XF882438A2 -NE/GF-2121	RB15	649.0 1550.0 41.0	A	H	A	ESF	7.3-2	1801	03
2HVS-1C	FAN MOTOR	CONTAINMENT HEAT REMOVAL	RELIANCE	1XF882438A1 -NE/GF-2121	RB17	632.0 1482.0 62.0	A	H	A	ESF	7.3-2	1802	03
2HVS-1D	FAN MOTOR	CONTAINMENT HEAT REMOVAL	RELIANCE	1XF882438A4 -NE/GF-2121	RB15	711.0 1442.0 41.0	A	H	A	ESF	7.3-2	1803	03
2HVS-2A		REACTOR SUPPOR T & CAVITY COO LING FAN		BY FIELD	RB16	690.0 1440.0 45.0	A	H	C		3.112	1804	02
2HVS-2B		REACTOR SUPPOR T & CAVITY COO LING FAN		BY FIELD	RB16	688.0 1440.0 45.0	A	H	C		3.112	1805	02
2HVS-4A	FAN MOTOR	REACTOR AUX.BL DG. MAIN SUPPL Y FAN	WESTINGHOUS E	TDBP/7906	AB27	582.0 1548.0 43.0	D	H	A	ESF	7.3-2	1806	03
2HVS-4B	FAN MOTOR	REACTOR AUX.BL DG. MAIN SUPPLY FAN	WESTINGHOUS E	TBDP/7906	AB27	571.0 1548.0 43.0	D	H	A	ESF	7.3-2	1807	03
2L-7A		RAB ISOL.		BY FIELD		0 0	A	H	A		1.9A-1	2170	03
2L-7B		RAB ISOL.		BY FIELD		0 0	A	H	A		1.9A-1	2171	03
2RV-1 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	599.0 1462.0 48.0	E	M	D	SD	3.112	1808	01
2RV-2 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	624.0 1443.0 48.0	E	M	D	RPS ESF	3.112	1809	02

TAGS INCLUDED: 2HVS-1A ----2RV-2 SS
SORT TYPE:ALPHA GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 02-CHEMICAL&VOL CONTROL

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
2RV-3 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	596.0 1459.0 48.0	E	M	D	RPS ESF	3.112	1810	02
2RV-4 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	574.0 1459.0 48.0	E	M	D	RPS ESF	3.112	1811	02
V3631		SIT FILL DRAIN		BY FIELD		0 0	A	H	A		1.9A-1	2186	03

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES #	REV #
ZS-25-87	POSITION SW ITCH	ECCS ISOL D-7A	NAMCO	EA-170 SERI ES SEE REF	AB24	5380 1419O 5.0	E	H	D		MRL	0038	02
ZS-25-88	POSITION SW ITCH	VLV I-FCV25-26 H2 PURGE INTAKE	NAMCO	EA-740 SERI ES	AB27	609* 1516* 45.0	E	H	A	PAM		1928	02
ZS-25-89	POSITION SW ITCH	VLV I-FCV25-26 H2 PURGE INTAKE	NAMCO	EA-740 SERI ES	AB27	609. * 1516. * 45.0	E	H	D	PAM		1929	02
ZS-25-9	POSITION SW ITCHCH	VLV I-FCV-25-4 CONT.PURGE INTAKE	NAMCO	EA-740 SERI ES	RB16	618* 1499* 45.0	A	H	A	PAM		1930	02
ZS-25-90	POSITION SW ITCH	ECCS ISOL D-7B	NAMCO	EA-170 SERI ES SEE REF	AB24	5370 14960 5.0	E	H	D		MRL	0039	02
ZS-25-91	POSITION SW ITCH	ECCS ISOL D-7B	NAMCO	EA-170 SERI ES SEE REF	AB24	5370 14960 5.0	E	H	D		MRL	0040	02
ZS-25-92	POSITION SW ITCH	VLV I-FCV25-21 H2 PURGE EXHAUST	NAMCO CORP.	EA-740 SERI ES	AB27	609 * 1518. * 45.0	E	H	A	PAM		1931	02
ZS-25-93	POSITION SW ITCH	VLV I-FCV25-21 H2 PURGE EXHAUST	NAMCO	EA-740 SERI ES	AB27	609 * 1518 * 45.0	E	H	A	PAM		1932	02
ZS-25-94	POSITION SW ITCH	ECCS ISOL D-8A	NAMCO	EA-170 SERI ES SEE REF	AB24	558. O 1460. O 5.0	E	H	A		MRL	0041	02
ZS-25-95	POSITION SW ITCH	ECCS ISOL D-8A	NAMCO	EA-170 SERI ES. SEE REF	AB24	558. O 1460. O 5.0	E	H	A		MRL	0042	02
ZS-25-96	POSITION SW ITCH	VLV I-FCV25-20 H2 PURGE EXHAUST	NAMCO	EA-740 SERI ES	RB16	618 * 1512. * 47.0	A	H	A	PAM		1933	02
ZS-25-97	POSITION SW ITCH	VLV I-FCV25-20 H2 PURGE EXHAUST	NAMCO	EA-740 SERI ES	RB16	618 * 1512. * 47.0	A	H	A	PAM		1934	02

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES #	REV #
ZS-25-98	POSITION SWITCH	DAMPER D-29 FUEL POOL INTAKE	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O		M	D	PAM		1935	01
ZS-25-99	POSITION SWITCH	DAMPER D-29 FUEL POOL INTAKE	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O		M	D	PAM		1936	01
2HVA/ACC-3A		LATER		BY FIELD	AB28	574.0 1456.0 62.0	E	M	D	MRL		2013	02
2HVA/ACC-3A THRMS		LATER		BY FIELD	AB28	576.0 1451.0 66.0	E	M	D			2014	02
2HVA/ACC-3B		LATER		BY FIELD	AB28	561.0 1456.0 62.0	E	M	D			2015	02
2HVA/ACC-3C		LATER		BY FIELD	AB28	546.0 1456.0 62.0	E	M	D			2016	02
2HVA/ACC-3C THRMS		LATER		BY FIELD	AB28	548.0 1451.0 66.0	E	M	D			2017	02
2HVE-10B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	B/M	AB27	545.0 1520.0 46.0	E	H	A	RPS ESF	3.112	1790	02
2HVE-13A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB28	500.0 1409.0 65.0	E	M	D	SD	3.112	1791	01
2HVE-13B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB28	508.0 1409.0 67.0	E	M	D	SD	3.112	1792	01
2HVE-41A SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	IT05	639.0 1043.0 20.0	I	M	D	SD	3.112	1793	01
2HVE-6A	FAN MOTOR	SHIELD BLDG. VENT SYSTEM FANS	WESTINGHOUSE	L-987971 7905-01	AB27	571.0 1534.0 43.0	E	H	A	ESF	3.112	0142	02

TAGS INCLUDED: ZS-25-98 ----2HVE-6A
SORT TYPE:ALPHA GLOBAL REV#- 2 04/01/82

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES #	REV #
2HVE-6A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	B/M	AB27	571.0 1540.0 43.0	E	H	A	RPS ESF	3.112	1794	02
2HVE-6B	FAN MOTOR	SHIELD BLDG. VENT SYSTEM FANS	WESTINGHOUS E	L-987971 7905-01	AB27	570.0 1512.0 43.0	E	H	A	 ESF	3.112	0143	02
2HVE-6B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	B/M	AB27	571.0 1519.0 43.0	E	H	A	RPS ESF	3.112	1795	02
2HVE-9A	FAN MOTOR	ECCS AREA EXHAUST FAN	WESTINGHOUS E	TBDP/7908	AB27	544.0 1526.0 43.0	E	H	A	 ESF	7.3-2	1796	02
2HVE-9A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	B/M	AB27	543.0 1523.0 43.0	E	H	A	RPS ESF	3.112	1797	02
2HVE-9B	FAN MOTOR	ECCS AREA EXHAUST FAN	WESTINGHOUS E	7908	AB27	576.0 1562.0 43.0	E	M	A	 ESF	7.3-2	1798	02
2HVE-9B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	B/M	AB27	573.0 1561.0 43.0	E	M	A	RPS ESF	3.112	1799	02
2HVS-1A	FAN MOTOR	CONTAINMENT HEAT REMOVAL	RELIANCE	1XF882438A3 -NE	RB15	734.0 1545.0 41.0	A	H	A	RPS ESF AUXSUP	7.3-2	1800	02
2HVS-1B	FAN MOTOR	CONTAINMENT HEAT REMOVAL	RELIANCE	1XF882438A2 -NE/GF-2121	RB15	649.0 1550.0 41.0	A	H	A	RPS ESF AUXSUP	7.3-2	1801	02
2HVS-1C	FAN MOTOR	CONTAINMENT HEAT REMOVAL	RELIANCE	1XF882438A1 -NE/GF-2121	RB17	632.0 1482.0 62.0	A	H	A	RPS ESF AUXSUP	7.3-2	1802	02
2HVS-1D	FAN MOTOR	CONTAINMENT HEAT REMOVAL	RELIANCE	1XF882438A4 -NE/GF-2121	RB15	711.0 1442.0 41.0	A	H	A	RPS ESF AUXSUP	7.3-2	1803	02
2HVS-2A		REACTOR SUPPOR T & CAVITY COO LING FAN		BY FIELD	RB16	690.0 1440.0 45.0	A	H	C		3.112	1804	02

TAGS INCLUDED: 2HVE-6A PB ----2HVS-2A
SORT TYPE:ALPHA GLOBAL REV#- 2 04/01/82

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES #	REV #
2HVS-2B		REACTOR SUPPORT & CAVITY COOLING FAN		BY FIELD	RB16	688.0 1440.0 45.0	A	H	C		3.112	1805	02
2HVS-4A	FAN MOTOR	REACTOR AUX.BLDG. MAIN SUPPLY FAN	WESTINGHOUSE	TDBP/7906	AB27	582.0 1548.0 43.0	E	H	A	ESF	7.3-2	1806	02
2HVS-4B	FAN MOTOR	REACTOR AUX.BLDG. MAIN SUPPLY FAN	WESTINGHOUSE	TBDP/7906	AB27	571.0 1548.0 43.0	E	H	A	ESF	7.3-2	1807	02
2RV-1 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	599.0 1462.0 48.0	E	M	D	SD	3.112	1808	01
2RV-2 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	624.0 1443.0 48.0	E	M	D	RPS ESF	3.112	1809	02
2RV-3 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	596.0 1459.0 48.0	E	M	D	RPS ESF	3.112	1810	02
2RV-4 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	574.0 1459.0 48.0	E	M	D	RPS ESF	3.112	1811	02

SYSTEM # & NAME: - . .

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES #	REV #
AM-205	AMMETER	CCW PUMP 2B	GENERAL ELECTRIC COMPA	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	AUXSUP	7.5-1	0063	01
AM-209	AMMETER	CCW PUMP 2C AMPERES	GENERAL ELECTRIC COMPA	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	AUXSUP	7.5-1	0064	01
AM-237	AMMETER	CONTAINMENT SPRAY PUMP 2A AMPERES	GENERAL ELECTRIC COMPA	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	ESF	7.5-1	0065	01
AM-238	AMMETER	HPSI PUMP 2B AMPERES	GENERAL ELECTRIC COMPA	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	ESF	7.5-1	0066	01
AM-251	AMMETER	LPSI PUMP 2A AMPERES	GENERAL ELECTRIC	AB40	AB26	581.0 1403.0 62.0	E	M	D	ESF SD	7.5-1	0067	01
AM-252	AMMETER	LPSI PUMP 2B AMPERES	GENERAL ELECTRIC	AB40	AB26	581.0 1403.0 62.0	E	M	D	ESF SD	7.5-1	0068	01
AM-287	AMMETER	CCW PUMP 2B AMPERES	GENERAL ELECTRIC	AB40	AB26	581.0 1403.0 62.0	E	M	D	ESF	7.5-1	0069	01
AM-290	AMMETER	CONT. SPRAY PUMP 2B	GENERAL ELECTRIC	AB40	AB26	581.0 1403.0 62.0	E	M	D	ESF	7.5-1	0070	01
AM-629	AMMETER	AUX FW PUMP 2A AMPERES	GENERAL ELECTRIC	AB40	AB26	563.0 1427.0 62.0	E	M	D	SD	7.5-1	0071	01
AM-630	AMMETER	AUX FW PUMP 2B AMPERES	GENERAL ELECTRIC	AB40	AB26	563.0 1427.0 62.0	E	M	D	SD	7.5-1	0072	01
AM-832	AMMETER	INTAKE COOL WATER PUMP 2A AMPERES	GENERAL ELECTRIC	AB40	AB26	563.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	0073	01
AM-833	AMMETER	INTAKE COOL WATER PUMP 2B AMPERES	GENERAL ELECTRIC	AB40	AB26	563.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	0074	01

TAGS INCLUDED: AM-205 ----AM-833

SORT TYPE:SYSTEM GLOBAL REV#- 2 04/01/82

SYSTEM # & NAME: - . .

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	ICES #	REV #
AM-834	AMMETER	INTAKE COOL WATER PUMP 2C AMPERES	GENERAL ELECTRIC	AB40	AB26	563.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	0075	01
AM-936	AMMETER	4.16 EMERG BUS 2A3 AMPERES	GENERAL ELECTRIC	AB40	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	MRL	0076	01
AM-937	AMMETER	4.16 KV EMERG BUS 2B3 AMPERES (800/5)	GENERAL ELECTRIC	AB40	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	0077	01
AM-942	AMMETER	4.16 KV EMERG BUS 2AB AMPERES	GENERAL ELECTRIC	AB40	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	0078	01
AM-955D	AMMETER	D.G #2A (800/5)	GENERAL ELECTRIC	AB40	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	0079	01
AM-965D	AMMETER	DIESEL-GEN 2B AMPERES (800/5)	GENERAL ELECTRIC	AB40	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	0080	01
ANNW P-10	ANNUNCIATOR WINDOW	MSIS ACTUATION CHANNEL B BLOCKED		BY FIELD	AB26	573.0 1424.0 62.0	E	M	C		MRL	0081	02
ANNW R-33	ANNUNCIATOR WINDOW	SI TANK 2B2 HIGH-LOW LEVEL		BY FIELD	AB26	573.0 1424.0 62.0	E	M	C		MRL	0082	02
ANNW R-52	ANNUNCIATOR WINDOW	SI TANK 2A2 LOW-LOW LEVEL		BY FIELD	AB26	573.0 1424.0 62.0	E	M	C		MRL	0083	02
ANNW-A-10	ANNUNCIATOR WINDOW	125V DC BUS 2B GROUND		BY FIELD	AB26	573.0 1424.0 62.0	E	M	C		MRL	0084	02
ANNW-A-12	ANNUNCIATOR WINDOW	STRTUP-STNDBY TRNSFRM 2B LOCKOUT RELAY FAI		BY FIELD	AB26	573.0 1424.0 62.0	E	M	C		MRL	0085	02
AS-936	AMMETER SWITCH	4.16 KV EMERG BUS 2A3 AMMETER	GENERAL ELECTRIC COMPA	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0086	01

TAGS INCLUDED: AM-834 ----AS-936

SORT TYPE:SYSTEM GLOBAL REV#- 2 04/01/82

SYSTEM # & NAME: - . .

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	ICES #	REV #
AS-937	AMMETER SWITCH	4.16 KV EMERG BUS 2B3 AMMETER	GENERAL ELECTRIC COMPA	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0087	01
AS-942	AMMETER SWITCH	4.16 KV EMERG BUS 2AB AMMETER	GENERAL ELECTRI	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0088	01
AS-955D	AMMETER SWITCH	DIESEL-GEN 2B AMMETER	GENERAL ELECTRIC COMPA	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0089	01
AS-965D	AMMETER SWITCH	DIESEL-GEN 2B AMMETER	GENERAL ELECTRIC COMPA	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0090	01
AX-1	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-PS9A					D	PAM	7.3-L	0097	01
AX-2	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-PS9A					D	PAM	7.3-L	0098	01
BA CNDS P 2A		LATER		BY FIELD	AB24	499.0 1584.0 -1.0	E	M	C		3.112	0099	02
BA CNDS P 2A SS		LATER		BY FIELD	AB24	497.0 1576.0 5.0	E	M	C		3.112	0100	02
BA CNDS P 2B		LATER		BY FIELD	AB24	494.0 1583.0 -1.0	E	M	C		3.112	0101	02
BA CNDS P 2B SS		LATER		BY FIELD	AB24	492.0 1588.0 -1.0	E	M	C		3.112	0102	02
BA M-U P 2A SPH		LATER		B/M C8-8	AB24	521.0 1545.0 -1.0	E	M	C		3.112	0104	02
BA M-U P 2B SPH		LATER		B/M C8-8	AB24	521.0 1540.0 -1.0	E	M	C		3.112	0107	02

TAGS INCLUDED: AS-937 ----BA M-U P 2B SPH
SORT TYPE:SYSTEM GLOBAL REV#- 2 04/01/82

SYSTEM # & NAME: -

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	ICES #	REV #
BAT 2A	BATTERY	CLASS IE DC PWR	C AND D BATTERIES	LC-255	AB27	609.0 1469.0 43.0	E	M	D		3.112	0109	01
BAT 2B	BATTERY	CLASS IE DC PWR	C AND D BATTERIES	LC-25	AB27	616.0 1471.0 43.0	E	M	D		3.112	0110	01
B2D29		LATER		BY FIELD	TB23	723.0 1419.0 45.0	K	H	C		3.112	0111	02
B2D50		LATER		BY FIELD	TB23	711.0 1408.0 45.0	K	H	C		3.112	0112	02
B2E40	TERMINAL BOX	SEE QUALIFIED TERMINAL BLOCKS		BY FIELD	AB25	584.0 1468.0 22.0	E	M	D		3.112	0113	01
B2E41	TERMINAL BOX	SEE QUALIFIED TERMINAL BLOCKS		BY FIELD	AB25	584.0 1449.0 22.0	E	M	D		3.112	0114	01
B2E52	TERMINAL/RELAY BOX	SEE QUALIFIED TERMINAL BLOCKS		BY FIELD	AB28	489.0 1427.0 65.0	E	M	D		3.112	0115	01
B2E53	TERMINAL/RELAY BOX	SEE QUALIFIED TERMINAL BLOCKS		BY FIELD	AB28	499.0 1439.0 65.0	E	M	D		3.112	0116	01
B2G13		LATER		BY FIELD	TB23	683.0 1409.0 45.0	K	H	C		3.112	0120	02
B2G85	TERMINAL BOX	SEE QUALIFIED TERMINAL BLOCKS		BY FIELD	AB28	489.0 1425.0 65.0	E	M	D		3.112	0134	01
B2G86	TERMINAL BOX	SEE QUALIFIED TERMINAL BLOCKS		BY FIELD	AB28	506.0 1439.0 65.0	E	M	D		3.112	0135	01
B2982 (TIA-4420)	ENCLOSURE	HOUSING FOR TIA		BY FIELD	FH22	734.0 1581.0 66.0	F	M	D		3.112	0172	01

SYSTEM # & NAME: - . .

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X.Y.Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES #	REV #
B2984 (TIA-4421)	ENCLOSURE	HOUSING FOR TI A		BY FIELD	FH22	752.0 1586.0 66.0	F	M	D		3.112	0173	01
CBL D9-1 1/C#8		LATER		BY FIELD					C			0013	02
CBL D9-2 DELETE		LATER		BY FIELD					C			0014	02
CBL D9-3 DELETE		LATER		BY FIELD					C			0015	02
CBL D9-4 DELETE		LATER		BY FIELD					D			0016	02
CBL D9-5 DELETE		LATER		BY FIELD					C			0017	02
CS-A-1000	CONTROL SWITCH	DC BUS TRANSF.	GENERAL ELECTRIC	CR2940	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	MRL	0186	01
CS-AA-1000	CONTROL SWITCH	DC BUS TRANSF.	GENERAL ELECTRIC	CR2940	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	MRL	0187	01
CS-B-1000	CONTROL SWITCH	DC BUS TRANSF.	GENERAL ELECTRIC	CR2940	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	MRL	0188	01
CS-BB-1000	CONTROL SWITCH	DC BUS TRANSF.	GENERAL ELECTRIC	CR2940	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	MRL	0189	01
CS-1154	CONTROL SWITCH	HVAC CNTRL OF SYS. 25 FCV	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0190	01
CS-1155	CONTROL SWITCH	FCV-25-31 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0191	01

TAGS INCLUDED: B2984 (TIA-4421----CS-1155
SORT TYPE:SYSTEM GLOBAL REV#- 2 04/01/82

SYSTEM # & NAME: - . .

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES #	REV #
CS-1156	CONTROL SWITCH	FCV-25-32 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0192	01
CS-1157	CONTROL SWITCH	FCV-25-33 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0193	01
CS-1158	CONTROL SWITCH	FCV-25-29 CONTROL	MICROSWITCH	PTK	AB26	547.0 1408.0 62.0	E	M	D		MRL	0194	01
CS-1159	CONTROL SWITCH	FCV-25-34 CONTROL	MICROSWITCH	PTK	AB26	547.0 1408.0 62.0	E	M	D		MRL	0195	01
CS-1160	CONTROL SWIT	FCV-25-20 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0196	01
CS-1161	CONTROL SWIT	FCV-25-20 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0197	01
CS-1164	CONTROL SWITCH	FCV-25-26 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0198	01
CS-1170	CONTROL SWITCH	FCV-25-14 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0199	01
CS-1171	CONTROL SWITCH	FCV-25-15 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0200	01
CS-1172	CONTROL SWITCH	FCV-25-16 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0201	01
CS-1173	CONTROL SWITCH	FCV-25-17 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0202	02
CS-1174	CONTROL SWITCH	FCV-25-18 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0203	01

TAGS INCLUDED: CS-1156 ----CS-1174
SORT TYPE:SYSTEM GLOBAL REV#- 2 04/01/82

SYSTEM # & NAME: - . .

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES #	REV #
CS-1175	CONTROL SWITCH	FCV-25-19 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0204	01
CS-1176	CONTROL SWITCH	FCV-25-11 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0205	01
CS-1177	CONTROL SWITCH	FCV-25-12 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0206	01
CS-1178	CONTROL SWITCH	FCV-25-13 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0207	01
CS-1190	CONTROL SWITCH	FCV-25-24 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0208	01
CS-1191	CONTROL SWITCH	FCV-25-25 CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0209	01
CS-157-1	CONTROL SWITCH	CS FOR VLV CONTROL	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0210	01
CS-157-2	CONTROL SWITCH	LATER	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0211	01
CS-1608-1	CONTROL SWITCH	DIESEL GEN 2A VOLTAGE	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D	SD	MRL	0212	01
CS-1618-1	CONTROL SWITCH	DIESEL GEN 2B VOLTAGE	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D	SD	MRL	0213	01
CS-176-1	CONTROL SWITCH	SE-02-02 CONTROL	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0214	01
CS-176-2	CONTROL SWITCH	SE-02-01 CONTROL	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D		MRL	0215	01

TAGS INCLUDED: CS-1175 ----CS-176-2
SORT TYPE:SYSTEM GLOBAL REV#- 2 04/01/82

SYSTEM # & NAME: - . .

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES #	REV #
CS-177	CONTROL SWITCH	CHGG P 2A CONTROL	GENERAL ELECTRIC	BY FIELD	AB27	519.0 1391.0 43.0	E	M	D		MRL	0216	01
CS-178	CONTROL SWITCH	CHGG P 2B CONTROL	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D		MRL	0217	01
CS-179	CONTROL SWITCH	CHGG P 2C CONTROL	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0218	01
CS-189-1	CONTROL SWITCH	SE-02-03 CONTROL	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0219	01
CS-189-2	CONTROL SWITCH	SE-02-04 CONTROL	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0220	01
CS-189-3	CONTROL SWITCH	SE-02-03 CONTROL	GENERAL ELECTRIC	SBM	AB26	573.0 1424.0 62.0	E	M	D	SD	MRL	0221	01
CS-189-4	CONTROL SWITCH	SE-02-04 CONTROL	GENERAL ELECTRIC	SBM	AB26	573.0 1424.0 62.0	E	M	D	SD	MRL	0222	01
CS-194-1	CONTROL SWITCH	V-2522 CONTROL	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0223	01
CS-194-2	CONTROL SWITCH	V-2523 CONTROL	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0224	01
CS-201	CONTROL SWITCH	COMPONENT COOLING WATER PUMP 2A	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0225	01
CS-202-1	CONTROL SWITCH	LATER	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D		MRL	0226	01
CS-202-2	CONTROL SWITCH	CCW TO NORMAL HDR ISOL VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D		MRL	0227	01

TAGS INCLUDED: CS-177 ----CS-202-2
SORT TYPE:SYSTEM GLOBAL REV#- 2 04/01/82

SYSTEM # & NAME: - . .

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES #	REV #
CS-202-3	CONTROL SWITCH	CCW FROM NORMAL HDR ISOL VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0228	01
CS-202-4	CONTROL SWITCH	CCW FROM NORMAL HDR ISOL VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0229	01
CS-203	CONTROL SWITCH	CCW HDR A TO CCW PUMP 2C VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0230	01
CS-204	CONTROL SWITCH	CCW PUMP 2C DISCH TO HDR A	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0231	01
CS-205	CONTROL SWITCH	LATER	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0232	01
CS-207	CONTROL SWITCH	CCW HDR B TO CCW PUMP 2C VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0233	01
CS-208	CONTROL SWITCH	CCW PUMP 2C DISCH TO HDR B	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0234	01
CS-209	CONTROL SWITCH	COMPONENT COOLING WATER PUMP 2C	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0235	01
CS-211-1	CONTROL SWITCH	SHUTDOWN HX 2A CCW VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D		MRL	0236	01
CS-211-2	CONTROL SWITCH	SHUTDOWN HX CCW VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0237	01
CS-212-1	CONTROL SWITCH	CCW TO RC PUMPS ISOL VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0238	01
CS-212-2	CONTROL SWITCH	CCW TO RC PUMPS ISOL VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0239	01

TAGS INCLUDED: CS-202-3 ----CS-212-2
SORT TYPE:SYSTEM GLOBAL REV#- 2 04/01/82

SYSTEM # & NAME: - . .

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	ICES #	REV #
CS-212-3	CONTROL SWITCH	CCW FROM RC PUMPS ISOL VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0240	01
CS-212-4	CONTROL SWITCH	CCW FROM RC PUMPS ISOL VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0241	01
CS-228-1	CONTROL SWITCH	MV-14-17 CONTROL	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0242	01
CS-229-1	CONTROL SWITCH	CCW HDR A TO FUEL POOL HX	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0243	01
CS-237	CONTROL SWITCH	HP SAFETY INJECTION PUMP 2A	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0244	01
CS-238	CONTROL SWITCH	HP SAFETY INJECTION PUMP 2B	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0245	01
CS-246-1	CONTROL SWITCH	SIAS CHANNEL SA	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0246	01
CS-246-2	CONTROL SWITCH	SIAS BLOCK CHANNEL SA	MICROSWITCH	PTK	AB26	581.0 1403.0 62.0	E	M	D		MRL	0247	01
CS-246-3	CONTROL SWITCH	CS FOR VLV CONTROL	MICRO-SWITCH	PTK	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0248	01
CS-248-1	CONTROL SWITCH	SIAS CHANNEL SB	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0249	01
CS-248-2	CONTROL SWITCH	SIAS BLOCK CHANNEL SB	MICRO-SWITCH	PTK	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0250	01
CS-248-3	CONTROL SWITCH	SIAS BLOCK CHANNEL SB	MICRO-SWITCH	PTK	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0251	01

TAGS INCLUDED: CS-212-3 ----CS-248-3
SORT TYPE:SYSTEM GLOBAL REV#- 2 04/01/82

SYSTEM # & NAME: - . .

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X.Y.Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	ICES #	REV #
CS-251	CONTROL SWITCH	L P SAFETY INJECTION PUMP 2A	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0252	01
CS-252	CONTROL SWITCH	LOP SAFETY INJECTION PUMP 2B	GENERAL ELECTRIC CO.	SBM	AB26	581.0 1403.0 62.	E	M	D	SD	MRL	0253	01
CS-287	CONTROL SWITCH	CONTAINMENT SPRAY PUMP 2A	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0254	01
CS-290	CONTROL SWITCH	CONTAINMENT SPRAY PUMP 2A	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0255	01
CS-297	CONTROL SWITCH	SI/CS PUMP SUCT FROM RWT	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0256	01
CS-298	CONTROL SWITCH	SI/CS PUMP SUCT FROM RWT	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0257	01
CS-299	CONTROL SWITCH	CONTAINMENT SUMP VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0258	01
CS-300	CONTROL SWITCH	CONTAINMENT SUMP VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0259	01
CS-302-1	CONTROL SWITCH	CSAS CHANNEL SA	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0260	01
CS-302-2	CONTROL SWITCH	RAS CHANNEL SA	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0261	01
CS-303-1	CONTROL SWITCH	CSAS CHANNEL SB	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0262	01
CS-303-2	CONTROL SWITCH	RAS CHANNEL SB	GENERAL ELECTRIC CO.	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D		MRL	0263	01

TAGS INCLUDED: CS-251 ----CS-303-2
SORT TYPE:SYSTEM GLOBAL REV#- 2 04/01/82

SYSTEM # & NAME: - - -

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES #	REV #
CS-304	CONTROL SWITCH	FAN CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0264	01
CS-305	CONTROL SWITCH	LATER	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0265	01
CS-311	CONTROL SWITCH	MAIN STEAM HDR A BYPASS VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0266	01
CS-312	CONTROL SWITCH	MAIN STEAM HDR A ISOLATRION VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0267	01
CS-314	CONTROL SWITCH	MAIN STEAM HDR B BYPASS VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0268	01
CS-315	CONTROL SWITCH	MAIN STEAM HDR B ISOLATRION VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0269	01
CS-317	CONTROL SWITCH	INSTRUMENT AIR CONTAINMENT ISOL	GENERAL ELECTRIC CO.	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D		MRL	0270	01
CS-490	CONTROL SWITCH	2HVE-13A CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0271	01
CS-491	CONTROL SWITCH	LATER	GE	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D		MRL	0272	01
CS-492	CONTROL SWITCH	2HVA/ACC-3A CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0273	01
CS-494	CONTROL SWITCH	2HVA/ACC-3B CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0274	01
CS-496	CONTROL SWITCH	LATER	GE	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D		MRL	0275	01

TAGS INCLUDED: CS-304 ----CS-496
SORT TYPE:SYSTEM GLOBAL REV#- 2 04/01/82

SYSTEM # & NAME: - . .

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES #	REV #
CS-503	CONTROL SWITCH	2HVE-9A CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0276	01
CS-504	CONTROL SWITCH	2HVE-9B CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0277	01
CS-505	CONTROL SWITCH	2HVS-4A CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0278	01
CS-506	CONTROL SWITCH	2HVS-4B CONTROL	GENERAL ELECTRIL	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0279	01
CS-513	CONTROL SWITCH	2HVE-6A CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0280	01
CS-522	CONTROL SWITCH	2HVS-2A CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0281	01
CS-523	CONTROL SWITCH	2HVS-2B CONTROL	GENERAL ELECTRI	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0282	01
CS-524	CONTROL SWITCH	2HVE-3A CONTROL	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0283	01
CS-525	CONTROL SWITCH	LATER	GENERAL ELECTRIC	SBM	AB26	547.0 1408.0 62.0	E	M	D	SD	MRL	0284	01
CS-536	CONTROL SWITCH	DRAIN VALVES TO RAB SUMP	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0285	01
CS-586	CONTROL SWITCH	DRAIN VALVES TO RAB SUMP	GENERAL ELECTRIC.	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0286	01
CS-608-1	CONTROL SWITCH	AUX FW PUMP 2A DISCH TO SG 2A VALVE	MICRO-SWITCH	PTK	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0287	01

TAGS INCLUDED: CS-503 ----CS-608-1
SORT TYPE:SYSTEM GLOBAL REV#- 2 04/01/82

SYSTEM # & NAME: - . .

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES #	REV #
CS-608-2	CONTROL SWITCH	MV-09-9 CONTROL	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0288	01
CS-609-1	CONTROL SWITCH	MV-09-10 CONTROL	MICRO-SWITCH	PTK	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0289	01
CS-609-2	CONTROL SWITCH	MV-09-10 CONTROL	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0290	01
CS-610-1	CONTROL SWITCH	AUX FW PUMP 2A DISCH TIE VALVE MV-09-13	MICRO-SWITCH	PTK	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0291	01
CS-610-2	CONTROL SWITCH	AUX FW PUMP 2A DISCH TIE VLV MV-09-13	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0292	01
CS-611-1	CONTROL SWITCH	AUX FW PUMP 2B DISCH TIE VALVE MV-09-14	MICRO-SWITCH	PTK	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0293	01
CS-611-2	CONTROL SWITCH	AUX FW PUMP 2B DISCH TIE VLV MV-09-14	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0294	01
CS-612-1	CONTROL SWITCH	MV-09-11 CONTROL	MICRO-SWITCH	PTK	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0295	01
CS-612-2	CONTROL SWITCH	MV-09-11 CONTROL	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0296	01
CS-613-1	CONTROL SWITCH	MV-09-12 CONTROL	MICRO-SWITCH	PTK	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0297	01
CS-613-2	CONTROL SWITCH	MV-09-12 CONTROL	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0298	01
CS-614	CONTROL SWITCH	FEEDWATER TO SG 2A ISOLATION VALVE	GENERAL ELECTRIC	BY FIELD	AB26	581.0 1403.0 62.0	E	M	C	SD	MRL	0299	02

TAGS INCLUDED: CS-608-2 ----CS-614
SORT TYPE:SYSTEM GLOBAL REV#- 2 04/01/82

SYSTEM # & NAME: - . .

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES #	REV #
CS-629-2	CONTROL SWITCH	AUX FEEDWATER PUMP 2A	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0300	01
CS-630	CONTROL SWITCH	AUX FEEDWATER PUMP 2B	MICRO-SWITCH	PTK	AB26	563.0 1427.0 62.0	E	M	D	SD	SB	0301	01
CS-630-2	CONTROL SWITCH	AUX FEEDWATER PUMP 2B	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0302	01
CS-632-1	CONTROL SWITCH	MV-08-3 CONTROL	MICRO-SWITCH	PTK	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0303	01
CS-632-2	CONTROL SWITCH	MV-08-3 CONTROL	GENERAL ELECTRIC	SBM	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0304	01
CS-633	CONTROL SWITCH	FEEDWATER TO SG 2B ISOLATION VALVE	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0305	01
CS-638-1	CONTROL SWITCH	SG 2A WARMUP STEAM AUX FWP 2C TURB VALVE	MICRO SWITCH	PTK					D	SD	MRL	0306	01
CS-638-2	CONTROL SWITCH	SG 2B WARMUP STEAM AUX FWP 2C TURB VALVE	MICRO SWITCH	PTK					D	SD	MRL	0307	01
CS-652-1	CONTROL SWITCH	SG 2A STEAM TO AUX FWP 2C TURB RB VALVE MV-08	MICRO SWITCH	PTK					D	SD	MRL	0308	01
CS-652-2	CONTROL SWITCH	SG 2A STEAM TO AUX FWP 2C TU RB VALVE MV-08	MICRO-SWITCH	PTK	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0309	01
CS-653-1	CONTROL SWITCH	SG 2B STEAM TO AUX FWP 2C TU RB VALVE MV-08	MICRO-SWITCH	PTK	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0310	01
CS-653-2	CONTROL SWITCH	VLV CONTROL	MICRO-SWITCH	PTK	AB27	519.0 1391.0 43.0	E	M	D	SD	MRL	0311	01

TAGS INCLUDED: CS-629-2 ----CS-653-2
SORT TYPE:SYSTEM GLOBAL REV#- 2 04/01/82

SYSTEM # & NAME: - . .

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES #	REV #
CS-832	CONTROL SWITCH	INTAKE COOL WATER PUMP 2A	GENERAL ELECTRIC CO.	SBM	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0312	01
CS-833	CONTROL SWITCH	INTAKE COOL WATER PUMP 2B	GENERAL ELECTRIC	SBM	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0313	01
CS-834	CONTROL SWITCH	INTAKE COOL WATER PUMP 2C	GENERAL ELECTRIC	SBM	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0314	01
CS-835	CONTROL SWITCH	INTAKE COOL WATER HDR A ISOLATION VALVE MV	GENERAL ELECTRIC	SBM	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0315	01
CS-836	CONTROL SWITCH	INTAKE COOL WATER HDR B ISOLATION VALVE MV	GENERAL ELECTRIC	SBM	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0316	01
CS-837	CONTROL SWITCH	LUBE WATER TO CIRC PUMPS ISOL VALVE MV-21-	GENERAL ELECTRIC	SBM	AB26	563.0 1427.0 62.0	E	M	D	SD	MRL	0317	01
CS-849	CONTROL SWITCH	PRIMARY WATER CONTAINMENT ISOL	GENERAL ELECTRIC	SBM	AB26	581.0 1403.0 62.0	E	M	D	SD	MRL	0318	01
CS-936	CONTROL SWITCH	4916 KV BUS TIE 2A3-2A2	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D	SD	MRL	0319	01
CS-937	CONTROL SWITCH	4.16 KV BUS TIE 2B3-2B2	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0320	01
CS-938	CONTROL SWITCH	4.16 KV BUS TIE 2A3-2AB	GENERAL ELECTRIC CO.	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0321	01
CS-939	CONTROL SWITCH	4.16 BUS TIE 2B3-2AB	GENERAL ELECTRIC CO.	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0322	01
CS-940	CONTROL SWITCH	4.16 KV BUS TIE 2A3	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0323	01

TAGS INCLUDED: CS-832 ----CS-940
SORT TYPE:SYSTEM GLOBAL REV#- 2 04/01/82

SYSTEM # & NAME: - . .

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES #	REV #
CS-941	CONTROL SWITCH	4916 KV BUS TIE 2AB-2B3	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0324	01
CS-943	CONTROL SWITCH	PRESSURIZER HEATER TRANSFORMER 2A3	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0325	01
CS-944	CONTROL SWITCH	PRESSURIZER HEATER TRANSFORMER 2B3	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0326	01
CS-946	CONTROL SWITCH	STATION SERVICE TRANSFORMER 2A2	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0327	01
CS-948	CONTROL SWITCH	STATION SERVICE TRANSFORMER 2B2	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0328	01
CS-953	CONTROL SWITCH	DIESEL GEN 2A 4.16 KV BREAKER	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0329	01
CS-957	CONTROL SWITCH	DIES. GEN.2ACONTROL	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D	SD	MRL	0330	01
CS-958	CONTROL SWITCH	DIESEL GEN 2A GOVENOR	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0331	01
CS-963	CONTROL SWITCH	DIESEL-GEN 2B 4.16 KV BREAKER	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0332	01
CS-967	CONTROL SWITCH	DG 2B CONTROL	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0333	01
CS-968	CONTROL SWITCH	DIESEL GEN 2B GOVENOR	GE	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0334	01
CS-968 DELETE	CONTROL SOLENOID	DIESEL GEN 2B GOVENOR		BY FIELD	AB26	555.0 1427.0 62.0	E	M	D		MRL	0335	01

TAGS INCLUDED: CS-941 ----CS-968
SORT TYPE:SYSTEM GLOBAL REV#- 2 04/01/82

SYSTEM # & NAME: - . .

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	ICES #	REV #
CS-977	CONTROL SWITCH	480V BUS 2A2 FEEDER	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0336	01
CS-978	CONTROL SWITCH	480V BUS TIE 2B-2AB	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0337	01
CS-979	CONTROL SWITCH	480V BUS TIE 2AB-2A2	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0338	01
CS-980	CONTROL SWITCH	480V BUS 2B2 FEEDER	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0339	01
CS-981	CONTROL SWITCH	480V BUS TIE 2B-2AB	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0340	01
CS-982	CONTROL SWITCH	480V BUS TIE 2AB-2B2	GENERAL ELECTRIC	SBM	AB26	555.0 1427.0 62.0	E	M	D		MRL	0341	01
CVCS HT XFMR 2A		LATER		4841A97	AB25	541.0 1482.0 20.0	E	M	C		3.112	0346	02
CVCS HT XFMR 2B		LATER		4841A97	AB25	533.0 1519.0 20.0	E	M	C		3.112	0347	02
DC BUS MC	AC & DC PNL	PROVIDE CLASS 1E DC PWR	SYSTEMS CONTROL	BY FIELD	AB26	597.0 1420.0 48.0	E	M	D	AUXSUP	3.112	0389	01
DC BUS 2B	AC & DC PNL	PROVIDE CLASS 1E DC PWR	SYSTEMS CONTROL	BY FIELD	AB27	540.0 1410.0 43.0	E	M	D	AUXSUP	3.112	0393	01
DG 2A TB	DIESEL GEN SET	PROVIDE CL 1E SAFETY PWR	MORRIS-KNUDSEN	BY FIELD	DG01	527.0 1694.0 24.0	G	M	D		3.112	0396	01
DG 2B CT TB		LATER SAFETY PWR	MORRIS-KNUDSEN	BY FIELD	DG01	498.0 1696.0 24.0	G	M	D		3.112	0398	01

TAGS INCLUDED: CS-977 ----DG 2B CT TB
SORT TYPE:SYSTEM GLOBAL REV#- 2 04/01/82

SYSTEM # & NAME: - . .

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES #	REV #
DG 2B TB	DIESEL GEN SET	PROVIDE CL 1E SAFETY PWR	MORRIS-KNUD SEN	BY FIELD	DGO1	498.0 1694.0 24.0	G	M	D		3.112	0399	01
ENG 2A1 TB		LATER	MORRIS-KNUD SEN	BY FIELD	DGO1	526.0 1716.0 26.0	G	M	D		3.112	0402	01
ENG 2A2 TB		LATER	MORRIS-KNUD SEN	BY FIELD	DGO1	526.0 1673.0 26.0	G	M	D		3.112	0403	01
ENG 2B1 TB		LATER	MORRIS-KNUD SEN	BY FIELD	DGO1	496.0 1716.0 26.0	G	M	D		3.112	0404	01
ENG 2B2 TB		LATER	MORRIS-KNUD SEN	BY FIELD	DGO1	496.0 1716.0 26.0	G	M	D		3.112	0405	01
ES-86		LATER	LAMBDA	LCS428	AB26	579.0 1419.0 62.0	E	M	C		CE-ML	0407	02
ES-86		LATER	LAMBDA	LCS428					C		CE-ML	0406	02
ES-87		LATER	LAMBDA	LCS42828					C		CE-ML	0408	02
ES-88		LATER	LAMBDA	LCS4282					C		CE-ML	0409	02
ES-89		LATER	LAMBDA	LCS428					C		CE-ML	0410	02
LS-3-1,2 FS BOX	LEVEL SWITCH	LATER		BY FIELD	AB27	590.0 1476.0 60.0	E	M	D		7.5-	0901	01
PI-07-4A DELETE	PRESSURE INDICATING	CONTAINMENT/SUMP PRESSURE	SIGMA	9264	AB26	581.0 1403.0 62.0	E	M	D	PAM	7.5-1	1195	01

TAGS INCLUDED: DG 2B TB ----PI-07-4A
SORT TYPE:SYSTEM GLOBAL REV#- 2 04/01/82

SYSTEM # & NAME: - . .

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES #	REV #
PI-07-5A DELETE	PRESSURE INDICATING C	CONTAINMENT/SUMP PRESSURE	SIGMA	9264	AB26	581.0 1403.0 62.0	E	M	D	PAM	7.5-1	1196	01
SE-25-12	SOLENOID	LATER		BY FIELD					D			0022	02
SE-25-13	SOLENOID	LATER		BY FIELD					D			0023	02
VARM-1606	SPEED DEVICE	DIESEL-GEN 2A MVARS		BY FIELD					D	AUXSUP	7.5-1	1637	02
VARM-1616	SPEED DEVICE	DIESEL-GEN 2B MVARS		BY FIELD					D	AUXSUP	7.5-1	1638	01
VM-1001		STATION BATTERY 2B VOLTS		BY FIELD	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	1639	01
VM-1002		STATION BATTERY 2B VOLTS		BY FIELD					D	AUXSUP	7.5-1	1640	01
VM-1606-1		DIESEL GEN 2A		BY FIELD	AB27	519.0 1391.0 43.0	E	M	D	SD	7.5-1	1641	01
VM-1606D		D.G #2A		BY FIELD	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP SD	7.5-1	1642	01
VM-1616-1		DIESEL GEN 2B		BY FIELD	AB27	519.0 1391.0 43.0	E	M	D	SD	7.5-1	1643	01
VM-1616D		DIESEL-GEN 2B VOLTS		BY FIELD	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP SD	7.5-1	1644	01
VM-942		4.16 KV EMERG BUS 2AB VOLTS		BY FIELD	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	1645	01

TAGS INCLUDED: PI-07-5A ----VM-942
SORT TYPE:SYSTEM GLOBAL REV#- 2 04/01/82

SYSTEM # & NAME: - . .

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES #	REV #
VM-954		4.16 KV BUS 2A 3		BY FIELD	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	1646	01
VM-964		4.16 KV EMERG BUS 2A3 VOLTS		BY FIELD	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	1647	01
WG COMPR 2A SS		LATER		BY FIELD	AB24	560.0 1582.0 4.0	E	M	C		3.112	1727	02
WG COMPR 2A TB		LATER		BY FIELD	AB24	560.0 1575.0 4.0	E	M	D		3.112	1728	02
WG COMPR 2B SS		LATER		BY FIELD	AB24	549.0 1582.0 4.0	E	M	D		3.112	1730	02
WG COMPR 2B TB		LATER		BY FIELD	AB24	550.0 1575.0 4.0	E	M	D		3.112	1731	02
WHM-955D		D.G #2A		BY FIELD	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	1732	01
WHM-965D		D.G #2B		BY FIELD	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	1733	01
WM-1606-1		DIESEL GEN 2B		BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	SD	7.5-1	1734	02
WM-1606-1		DIESEL GEN 2B		BY FIELD	AB27	519.0 1391.0 43.0	E	M	D		7.5-1	1735	01
X-1	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2ARPS-A					D	PAM	7.3-L	1736	01
X-2	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2ARPS-A					D	PAM	7.3-L	1737	01

TAGS INCLUDED: VM-954 ----X-2
SORT TYPE:SYSTEM GLOBAL REV#- 2 04/01/82

SYSTEM # & NAME: - . .

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES #	REV #
X-3	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2ARPS-A				D	PAM	7.3-L	1738	01
X-4	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2ARPS-A				D	PAM	7.3-L	1739	01
X-5	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2ARPS-A				D	PAM	7.3-L	1740	01
X-6	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2ARPS-A				D	PAM	7.3-L	1741	01
XD1-1	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1742	01
XD1-2	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1743	01
XD1-3	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1744	01
XD1-4	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1745	01
XD1-5	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1746	01
XD2-1	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1747	01
XD2-2	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1748	01
XD2-3	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1749	01

TAGS INCLUDED: X-3 ----XD2-3
SORT TYPE:SYSTEM GLOBAL REV#- 2 04/01/82

SYSTEM # & NAME: - . .

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES #	REV #
XD2-4	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1750	01
XD2-5	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1751	01
XD3-1	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1752	01
XD3-2	POWER SUPPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1753	01
XD3-3	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1754	01
XD4-1	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1755	01
XD4-2	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1756	01
XD4-3	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1757	01
XD5-1	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1758	01
XD5-2	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1759	01
XD5-3	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1760	01
XD6-1	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1761	01

TAGS INCLUDED: XD2-4 ----XD6-1
SORT TYPE:SYSTEM GLOBAL REV#- 2 04/01/82

SYSTEM # & NAME: - . .

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES #	REV #
XD6-2	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1762	01
XD6-3	POWER SUPPLY	LATER	FOXBORO INSTRUMENT COM	2AX-DP10				D	PAM	7.3-L	1763	01

SYSTEM # & NAME: ..- . .

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES #	REV #
CS-2/576	CONTROL SWITCH				.....			C		MRL<	0411	02

SYSTEM # & NAME: 00-INTEG. LEAK RATE TEST

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES #	REV #
JI-001A	FLUX INDICATOR	WIDE RANGE % POWER		BY FIELD	AB26	CONTROL ROOM	C	M	D		7.5-1	0814	02
JI-001B	FLUX INDICATOR	WIDE RANGE % POWER		BY FIELD	AB26	CONTROL ROOM	C	M	D		7.5-1	0815	02
JI-001C	FLUX INDICATOR TING C	WIDE RANGE % POWER		BY FIELD	AB26	CONTROL ROOM	C	M	D		7.5-1	0816	02
JI-001D	FLUX INDICATOR	WIDE RANGE % POWER		BY FIELD			C		D	RPS	7.5-1	0817	02
JI-003A	POSITION INDICATING C	Q-POWER QTR-SET POINT	SIGMA	1251					D	RPS	7.5-1	0818	02
JI-003B	POSITION INDICATING C	Q-POWER/QTR-SET POINT	SIGMA	1251					D	RPS	7.5-1	0819	02
JI-003C	POSITION INDICATING C	Q-POWER QTR-SET POINT	SIGMA	1251					D	RPS	7.5-1	0820	02
JI-003D	POSITION INDICATING C	Q-POWER QTR-SET POINT	SIGMA	1251					D	RPS	7.5-1	0821	02
JI-004A	POSITION INDICATING C	Q-POWER QTR-SET POINT	SIGMA	1251					D	RPS	7.5-1	0822	02
JI-004B	POSITION INDICATING C	Q-POWER/QTR-SET POINT	SIGMA	1251					D	RPS	7.5-1	0823	02
JI-004C	POSITION INDICATING C	Q-POWER QTR-SET POINT	SIGMA	1251					D	RPS	7.5-1	0824	02
JI-004D	POSITION INDICATING C	Q-POWER QTR-SET POINT	SIGMA	1251					D	RPS	7.5-1	0825	02

TAGS INCLUDED: JI-001A ----JI-004D
SORT TYPE:SYSTEM GLOBAL REV#- 2 04/01/82

SYSTEM # & NAME: 00-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
JI-001B	FLUX INDICATOR	WIDE RANGE % POWER		BY FIELD	AB26	CONTROL. ROOM	C M	D		7.5-1	0815	02
JI-001C	FLUX INDICATOR TING C	WIDE RANGE % POWER		BY FIELD	AB26	CONTROL ROOM	C M	D		7.5-1	0816	02
JI-001D	FLUX INDICATOR	WIDE RANGE % POWER		BY FIELD			C	D	RPS	7.5-1	0817	02
JI-003A	POSITION INDICATING C	Q-POWER QTR-SET POINT	SIGMA	1251				D	RPS	7.5-1	0818	02
JI-003B	POSITION INDICATING C	Q-POWER/QTR-SET POINT	SIGMA	1251				D	RPS	7.5-1	0819	02
JI-003C	POSITION INDICATING C	Q-POWER QTR-SET POINT	SIGMA	1251				D	RPS	7.5-1	0820	02
JI-003D	POSITION INDICATING C	Q-POWER QTR-SET POINT	SIGMA	1251				D	RPS	7.5-1	0821	02
JI-004A	POSITION INDICATING C	Q-POWER QTR-SET POINT	SIGMA	1251				D	RPS	7.5-1	0822	02
JI-004B	POSITION INDICATING C	Q-POWER/QTR-SET POINT	SIGMA	1251				D	RPS	7.5-1	0823	02
JI-004C	POSITION INDICATING C	Q-POWER QTR-SET POINT	SIGMA	1251				D	RPS	7.5-1	0824	02
JI-004D	POSITION INDICATING C	Q-POWER QTR-SET POINT	SIGMA	1251				D	RPS	7.5-1	0825	02
JI-005A	POSITION INDICATING C	FLUX INDICATORS	SIGMA	1251				D	RPS	7.5-1	0826	02

TAGS INCLUDED: JI-001B ----JI-005A
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 00-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
JI-005B	POSITION INDICATING C	FLUX INDICATOR S	SIGMA	1251				D	RPS	7.5-1	0827	02
JI-005C	POSITION INDICATING C	POWER AXIAL S	SIGMA	1251				D	RPS	7.5-1	0828	02
JI-005D	POSITION INDICATING C	FLUX INDICATOR S	SIGMA	1251				D	RPS	7.5-1	0829	02
JI-006A	POSITION INDICATING C	FLUX INDICATOR S	SIGMA	1151				D		7.5-1	0830	02
JI-006B	POSITION INDICATING C	FLUX INDICATOR S	SIGMA	1151				D		7.5-1	0831	02
JI-006C	POSITION INDICATING C	POWER AXIAL S	SIGMA	1151				D		7.5-1	0832	02
JI-006D	POSITION INDICATING C	FLUX INDICATOR S	SIGMA	1151				D		7.5-1	0833	02
JI-007A	POSITION INDICATING C	FLUX INDICATOR S	SIGMA	1251				D		7.5-1	0834	02
JI-007B	POSITION INDICATING C	FLUX INDICATOR S	SIGMA	1251				D		7.5-1	0835	02
JI-007C	POSITION INDICATING C	POWER AXIAL S	SIGMA	1251				D		7.5-1	0836	02
JI-007D	POSITION INDICATING C	FLUX INDICATOR S	SIGMA	1251				D		7.5-1	0837	02
JI-001A	FLUX INDICATOR	WIDE RANGE % POWER		BY FIELD	AB26	CONTROL ROOM	C M	D		7.5-1	0814	02

TAGS INCLUDED: JI-005B ----JI-001A
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 00-INTEG. LEAK RATE TEST

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
JKI-001A		RATE OF CHANGE OF POWER		BY FIELD	AB26	CONTROL ROOM	C M	D	RPS	7.5-1	08401	02

SYSTEM # & NAME: 01-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X.Y.Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FY-1158-1	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-VAI-9					D		CE-ML	0689	02
FY-1158-2	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0690	02
FY-1168	FLOW CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	533 1426 62	E	M	D		CE-ML	0691	02
FY-1168-1	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-VAI-9					D		CE-ML	0692	02
FY-1168-2	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0693	02
FY-1178	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	0694	02
FY-1178-1	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-VAI-9					D		CE-ML	0695	02
FY-1178-2	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0696	02
FY-1188	FLOW CONVERTER	SIGNAL CONVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	595.0 1391.0 62.0	E	M	D		CE-ML	0697	02
FY-1188-1	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-VAI-9					D		CE-ML	0698	02
FY-1188-2	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0699	02
HS-1101B	HAND SWITCH	LOCAL CONTROL	MICROSWITCH	2D8	AB26	573.0 1424.0 62.0	E	M	D		CE-ML	0785	02

TAGS INCLUDED: FY-1158-1 ----HS-1101B
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
HS-1101D	HAND SWITCH	LOCAL CONTROL	MICROSWITCH	2D8	AB26	573.0 1424.0 62.0	E	M	D		CE-ML	0787	02
JI-1106	POSITION IN DICATING C	LATER	SIGMA	9264X-00					D		CE-ML	0839	02
LR-1110X	LEVEL RECOR DING	PRESSURIZER LE VEL	FOXBORO INS TRUMENT COM	M/226-02					D	PAM	7.5-1	0871	01
LY-1104	LVL CONVER TER	SIGNAL CNVRSN	FOXBORO INS TRUMENT COM	2AI-12V	AB26	THE CONTROL ROOM	C		D		CE-ML	0923	01
LY-1105	LVL CONVER TER	SIGNAL CNVRSN	FOXBORO INS TRUMENT COM	2AI-12V	AB26	595 1391 62	E	M	D		CE-ML	0924	01
LY-1110X-1	LEVEL CONVE RTER	SIGNAL CNVRSN	FOXBORO INS TRUMENT COM	2AO-VAI-92	AB26	THE CONTROL ROOM	C		D		CE-ML	0925	01
LY-1110Y-1	LEVEL CONVE RTER	SIGNAL CONVERS ION	FOXBORO INS TRUMENT COM	2AO-VAI-92	AB26	533.0 1426.0 62.0	E	M	D		CE-ML	0926	01
PA-1103	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AP-ALM-AR					D		CE-ML	1103	01
PA-1103-1	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AP-ALM-AR					D		CE-ML	1104	01
PA-1104	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AP-ALM-AR					D		CE-ML	1105	01
PA-1104-1	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AP-ALM-AR					D		CE-ML	1106	01
PA-1104-2	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AP-ALM-AR					D		CE-ML	1107	01

TAGS INCLUDED: HS-1101D ----PA-1104-2
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PA-1105	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-ALM-AR				D		CE-ML	1108	01
PA-1105-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-ALM-AR				D		CE-ML	1109	01
PA-1106	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-ALM-AR				D		CE-ML	1110	01
PA-1106-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-ALM-AR				D		CE-ML	1111	01
PA-1106-2	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-ALM-AR				D		CE-ML	1112	01
PC-1103-1	PRESSURE CONTROLLER	LATER	FOXBORO INSTRUMENT COM	2AO-L2C-R				D		CE-ML	1114	01
PC-1104	PRESSURE CONTROLLER	LATER	FOXBORO INSTRUMENT COM	2AO-L2C-R				D		CE-ML	1115	01
PC-1104-2	PRESSURE CONTROLLER	LATER	FOXBORO INSTRUMENT COM	2AO-L2C-R				D		CE-ML	1117	01
PC-1105	PRESSURE CONTROLLER	LATER	FOXBORO INSTRUMENT COM	2AO-L2C-R				D		CE-ML	1118	01
PC-1105-1	PRESSURE CONTROLLER	LATER	FOXBORO INSTRUMENT COM	2AO-L2C-R				D		CE-ML	1119	01
PDY-1101-B1	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	1166	02
PDY-1101-C1	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	1167	02

TAGS INCLUDED: PA-1105 ----PDY-1101-C1
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X.Y.Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PDY-1101-D1	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INS TRUMENT COM	2AO-V21				D		CE-ML	1168	02
PDY-1101A	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AP-SUM				D		CE-ML	1169	02
PDY-1101B	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AP-SUM				D		CE-ML	1170	02
PDY-1101C	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AP-SUM				D		CE-ML	1171	02
PDY-1101D	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AP-SUM				D		CE-ML	1172	02
PDY-1111A	PRESS DIFF' IL CNVRTR	SIGNAL CNVRSN	FOXBORO INS TRUMENT COM	2AI-12V	AB26	THE CONTROL ROOM	C	D		CE-ML	1173	02
PDY-1111A1	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INS TRUMENT COM	P-SGC				D		CE-ML	1174	02
PDY-1111B	FLOW CONVER TER	LATER	FOXBORO INS TRUMENT COM	2AI-12V				D		CE-ML	1175	02
PDY-1111B1	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INS TRUMENT COM	P-SGC				D		CE-ML	1176	02
PDY-1111C	FLOW CONVER TER	LATER	FOXBORO INS TRUMENT COM	2AI-12V				D		CE-ML	1177	02
PDY-1111C1	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INS TRUMENT COM	P-SGC				D		CE-ML	1178	02
PDY-1111D	FLOW CONVER TER	LATER	FOXBORO INS TRUMENT COM	2AI-12V				D		CE-ML	1179	02

TAGS INCLUDED: PDY-1101-D1 ----PDY-1111D
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PDY-1111D1	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INS TRUMENT COM	P-SGC				D		CE-ML	1180	02
PDY-1121A	FLOW CONVER TER	LATER	FOXBORO INS TRUMENT COM	2AI-12V				D		CE-ML	1181	02
PDY-1121A1	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INS TRUMENT COM	P-SGC				D		CE-ML	1182	02
PDY-1121B	FLOW CONVER TER	LATER	FOXBORO INS TRUMENT COM	2AI-12V				D		CE-ML	1183	02
PDY-1121B1	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INS TRUMENT COM	P-SGC				D		CE-ML	1184	02
PDY-1121C	FLOW CONVER TER	LATER	FOXBORO INS TRUMENT COM	2AI-12V				D		CE-ML	1185	02
PDY-1121C1	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INS TRUMENT COM	P-SGC				D		CE-ML	1186	02
PDY-1121D	FLOW CONVER TER	LATER	FOXBORO INS TRUMENT COM	2AI-12V				D		CE-ML	1187	02
PDY-1121D1	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AP-SGC				D		CE-ML	1188	02
PI-1104	PRESSURE IN DICATING C	LATER	SIGMA	9264X-00-E				D		CE-ML	1206	02
PI-1105	PRESSURE IN DICATING C	LATER	SIGMA	9264X-00-E				D		CE-ML	1207	02
PI-1106	PRESSURE IN DICATING C	LATER	SIGMA	9264X-00-E				D		CE-ML	1208	02

TAGS INCLUDED: PDY-1111D1 ----PI-1106
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PIA-1102DLL	PRESS DIFFE R'TL INDICA	PRESSURIZER PR ESS		BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	RPS ESF	7.5-1	1233	02
PY-1102A-2	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INS TRUMENT COM	2AO-V21					D		CE-ML	1363	02
PY-1102B-1	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AO-V21					D		CE-ML	1365	02
PY-1102B-2	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AO-V21					D		CE-ML	1366	02
PY-1102C-2	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AO-V21					D		CE-ML	1369	02
PY-1107	FLOW CONVER TER	LATER	FOXBORO INS TRUMENT COM	2AI-12V					D		CE-ML	1381	02
PY-1107-1	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AI-VAI-92					D		CE-ML	1382	02
PY-1108	PRESS CNVER TER	SIGNAL CNVRSN	FOXBORO INS TRUMENT COM	2AI-12V	AB26	595 1391 62	E	M	D		CE-ML	1383	02
PY-1108-1	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AI-VAI-92					D		CE-ML	1384	02
TY-1112CA-1	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AO-V21					D		CE-ML	1597	02
TY-1112CB	TEMPERATURE CONVERTER	LATER	FOXBORO INS TRUMENT COM	2AI-P2V					D		CE-ML	1598	02
TY-1112CB-1	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AO-V21					D		CE-ML	1599	02

TAGS INCLUDED: PIA-1102DLL ----TY-1112CB-1
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
TY-1112CC	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1600	02
TY-1112CC-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	1601	02
TY-1112CD	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1602	02
TY-1112CD-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	1603	02
TY-1112HA	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1604	02
TY-1112HA-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	1605	02
TY-1112HB	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1606	02
TY-1112HB-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	1607	02
TY-1112HC	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1608	02
TY-1112HC-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	1609	02
TY-1112HD	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1610	02
TY-1112HD-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	1611	02

TAGS INCLUDED: TY-1112CC ----TY-1112HD-1
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
TY-1115	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1612	02
TY-1122CA	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1613	02
TY-1122CA-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	1614	02
TY-1122CB	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1615	02
TY-1122CB-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	1616	02
TY-1122CC	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1617	02
TY-1122CC-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	1618	02
TY-1122CD	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1619	02
TY-1122CD-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	1620	02
TY-1122HA	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1621	02
TY-1122HA-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	1622	02
TY-1122HB	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1623	02

TAGS INCLUDED: TY-1115 ----TY-1122HB
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
TY-1122HB-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1624	02
TY-1122HC	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V					D		CE-ML	1625	02
TY-1122HC-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1626	02
TY-1122HD	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V					D		CE-ML	1627	02
TY-1125	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V					D		CE-ML	1628	02
FF-1158	FLOW SUMMERIZER	LATER		BY FIELD	AB26	CONTROL ROOM	C	M	D		MRL	0486	01
FF-1168	FLOW SUMMERIZER	LATER		BY FIELD	AB26	CONTROL ROOM	C	M	D		MRL	0487	01
FF-1188	FLOW SUMMERIZER	LATER		BY FIELD	AB26	CONTROL ROOM	C	M	D		MRL	0488	01
FM-1606	DG 2A FREQUENCY	DIESEL-GEN 2A FREQUENCY		BY FIELD	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	0564	02
FM-1616	DG 2B FREQUENCY	DIESEL-GEN 2B FREQUENCY		BY FIELD	AB26	555.0 1427.0 62.0	E	M	D	AUXSUP	7.5-1	0565	02
FT-1158	FLOW TRANSMI	COMPONENT COOLING FLOW	ITT BARTON	764 1527	RB15	740.0 1512.0 18.0	A	H	A	ESF	CE-ML	0641	03
FT-1168	FLOW TRANSMI	COMPONENT COOLING FLOW	ITT BARTON	764 1528	RB16	726.0 1464.0 45.0	A	H	A	ESF	CE-ML	0642	03

TAGS INCLUDED: TY-1122HB-1 ----FT-1168
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-REACTOR COOLANT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FT-1178	FLOW TRANSMI	COMPONENT COOLING FLOW	ITT BARTON	764 1529	RB16	619.0 1502.0 49.0	A	H	A	ESF	CE-ML	0643	03
FT-1188	FLOW TRANSMI	COMPONENT COOLING FLOW	ITT BARTON	764 1530	RB16	644.0 1469.0 45.0	A	H	A	ESF	CE-ML	0644	03
FY-1158	FLOW CONVERTER	SIGNAL CONVERSION	FOXBORO INSTRUMENT COM	2AI-12V	AB26	THE CONTROL ROOM	C		D		CE-ML	0688	02
HS-1101A	HAND SWITCH	LOCAL CONTROL	MICROSWITCH	2D8	AB26	573.0 1424.0 62.0	E	M	D		CE-ML	0784	02
HS-1101C	HAND SWITCH	LOCAL CONTROL	MICROSWITCH	2D8	AB26	573.0 1424.0 62.0	E	M	D		CE-ML	0786	02
JI-1105	POSITION INDICATING C	LATER	SIGMA	9264X-00					D		CE-ML	0838	02
LI-1104	LEVEL INDICATOR	PRESSURIZER		BY FIELD	AB27	519.0 1391.0 43.0	E	M	D	SD	17.5-1	0853	01
LI-1105	LEVEL INDICATOR	PRESSURIZER		BY FIELD	AB27	519.0 1391.0 43.0	E	M	D	SD	17.5-1	0854	01
LR-1110	FLOW RECORDING	PRESSURIZER LEVEL	FOXBORO	M/226-01		********** ********** ******			D		CE-ML	0870	01
LT-1104	LEVEL TRANSMI	PRESSURIZER LEVEL S/D	ITT BARTON	764 1533	RB15	668.0 1564.0 22.0	A	H	A	ESF	MRL	0908	03
LT-1105	LEVEL TRANSMI	PRESSURIZER LEVEL S/D	ITT BARTON	764 1534	RB15	663.0 1549.0 18.0	A	H	A	ESF	MRL	0909	03
LT-1110X	LEVEL TRANSMI	PRESSURIZER PRESS LEVEL	ITT BARTON	764 1531	RB15	663.0 1549.0 18.0	A	H	A	ESF	MRL	0910	03

TAGS INCLUDED: FT-1178 ----LT-1110X
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-REACTOR COOLANT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
LT-1110Y	LEVEL TRANSMI	PRESSURIZER LEVEL	ITT BARTON	764 1532	RB15	668.0 1564.0 22.0	A	H	A	ESF	CE-ML	0911	03
PC-1103	PRESSURIZER PRESS CNTR	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2A0-L2C-R	AB26	THE CONTROL ROOM	C		D		CE-ML	1113	02
PC-1104:1	PRESSURE CONTROLLER	LATER	FOXBORO INSTRUMENT COM	2A0-L2C-R					D		CE-ML	1116	01
PDI-1101A	PRESS DIFFE R'TL INDICA	STM GEN P/TOTAL CORE FLOW		BY FIELD	AB26	573.0 1424.0 62.0	E	M	D	RPS	7.5-1	1120	01
PDI-1101B	PRESS DIFFE R'TL INDICA	STM GEN P/TOTAL CORE FLOW		BY FIELD	AB26	573.0 1424.0 62.0	E	M	D	RPS	7.5-1	1121	01
PDI-1101C	PRESS DIFFE R'TL INDICA	STM GEN P/TOTAL CORE FLOW		BY FIELD	AB26	573.0 1424.0 62.0	E	M	D	RPS	7.5-1	1122	01
PDI-1101D	PRESS DIFFE R'TL INDICA	STM GEN P/TOTAL CORE FLOW		BY FIELD	AB26	573.0 1424.0 62.0	E	M	D	RPS	7.5-1	1123	01
PDT-1111A	DIFF'NTL PR ESS TRANSMI	STM GEN 2A DIFF PRESS	ITT BARTON	764 1519	RB17	729.0 1514.0 62.0	A	H	A	ESF	CE-ML	1145	03
PDT-1111B	DIFF'NTL PR ESS TRANSMI	STM GEN 2A DIFF PRESS	ITT BARTON	764 1520	RB17	735.0 1486.0 62.0	A	H	A	ESF	CE-ML	1146	03
PDT-1111C	DIFF'NTL PR ESS TRANSMI	STM GEN 2A DIFF PRESS	ITT BARTON	764 1521	RB17	732.0 1514.0 62.0	A	H	A	ESF	CE-ML	1147	03
PDT-1111D	DIFF'NTL PR ESS TRANSMI	STM GEN 2A DIFF PRESS	ITT BARTON	764 1522	RB17	725.0 1486.0 62.0	A	H	A	ESF	CE-ML	1148	03
PDT-1121A	DIFF'NTL PR ESS TRANSMI	STM GEN 2B DIFF PRESS	ITT BARTON	764 1523	RB17	643.0 1514.0 62.0	A	H	A	ESF	CE-ML	1149	03

TAGS INCLUDED: LT-1110Y ----PDT-1121A
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-REACTOR COOLANT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PDT-1121B	DIFF'NTL PR ESS TRANSMI	STM GEN 2B DIFF PRESS	ITT BARTON	764 1524	RB17	648.0 1486.0 62.0	A	H	A	ESF	CE-ML	1150	03
PDT-1121C	DIFF'NTL PR ESS TRANSMI	STM GEN 2B DIFF PRESS	ITT BARTON	764 1525	RB17	648.0 1514.0 62.0	A	H	A	ESF	CE-ML	1151	03
PDT-1121D	DIFF'NTL PR ESS TRANSMI	STEAM GEN 2B DIFF PRESS	ITT BARTON	764 1547	RB17	636.0 1486.0 62.0	A	H	A	ESF	CE-ML	1152	03
PDY-1101-A1	FLOW CONVER TER	LATER	FOXBORO INS TRUMENT COM	2A0-V21					D		CE-ML	1165	02
PI-1102A	PRESS DIFFE R'TL INDICA	PRESSURIZER PR ESS		BY FIELD	AB26	573.0 1424.0 62.0	E	M	D	RPS ESF	7.5-1	1201	01
PI-1102B	PRESS DIFFE R'TL INDICA	PRESSURIZER PR ESS		BY FIELD	AB26	573.0 1424.0 62.0	E	M	D	RPS ESF	7.5-1	1202	01
PI-1102C	PRESS DIFFE R'TL INDICA	PRESSURIZER PR ESS		BY FIELD	AB26	573.0 1424.0 62.0	E	M	D	RPS ESF	7.5-1	1203	01
PI-1102D	PRESS DIFFE R'TL INDICA	PRESSURIZER		BY FIELD	AB26	573.0 1424.0 62.0	E	M	D	RPS ESF	7.5-1	1204	01
PI-1103	PRESSURE IN DICATING C	PRESSURIZER PR ESS	SIGMA	9264X-00-E					D		CE-ML	1205	02
PI-1107	PRESS DIFFE R'TL INDICA	RCS PRESSURE		BY FIELD	AB27	519.0 1391.0 43.0	E	M	D	SD	7.5-1	1209	01
PI-1107(.1)	PRESS DIFFE R'TL INDICA	PRESSURIZER		BY FIELD					D		7.5-1	1210	1
PI-1108	PRESS DIFFE R'TL INDICA	PRESSURIZER		BY FIELD	AB27	519. 1391. 43.0	E	M	D	SD	7.5-1	1211	1

TAGS INCLUDED: PDT-1121B ----PI-1108
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-REACTOR COOLANT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PI-1108(,1)	PRESS DIFFE R'TL INDICA	PRESSURIZER		BY FIELD		1			D		7.5-1	1212	1
PIA-1102A	PRESSURE IN DICATG ALAR	THERMAL MARGIN LOW PRESS SET TING	SIGMA	9262-20-D	AB26	573.0 1424.0 62.0	E	M	D	RPS	7.5-1	1227	01
PIA-1102B	PRESSURE IN DICATG ALAR	THERMAL MARGIN LOW PRESSSETT ING	SIGMA	9262-20-D	AB26	573.0 1424.0 62.0	E	M	D	RPS	7.5-1	1228	01
PIA-1102BLL	PRESS DIFFE R'TL INDICA	PRESSURIZER PR ESSURE		BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	RPS ESF	7.5-1	1229	02
PIA-1102C	PRESSURE IN DICATG ALAR	THERMAL MARGIN LOW PRESS SET TING	SIGMA	9262-20-D	AB26	573.0 1424.0 62.0	E	M	D	RPS	7.5-1	1230	01
PIA-1102CLL	PRESS DIFFE R'TL INDICA	PRESSURIZER PR ESSURE		BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	RPS ESF	7.5-1	1231	01
PIA-1102D	PRESSURE IN DICATG ALAR	THERMAL MARGIN LOW PRESS SET TING	SIGMA	9262-20-D		********* ********* ******			D	RPS	7.5-1	1232	01
PIC-1103	PRESSURE IN DICATING C	PRESSURIZER		BY FIELD	AB26	573.0 1424.0 62.0	E	M	D	SD	7.5-1	1237	01
PIC-1104	PRESSURE IN DICATING C	PRESSURIZER		BY FIELD	AB26	573.0 1424.0 62.0	E	M	D	SD	7.5-1	1238	01
PIC-1105	CONTROLER	PRESSURIZER PR ESS		BY FIELD					D	SD	7.5-1	1239	01
PIC-1106	PRESSURE IN DICATING C	PRESSURIZED PR ESS		BY FIELD					D	SD	7.5-1	1240	01
PR-1107	FLOW RECORD ING	PRESSURIZER	FOXBORO INS TRUMENT COM	M/226-01.02		********* ********* ******			D	PAM	7.5-1	1273	01

TAGS INCLUDED: PI-1108(,1) ----PR-1107
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-REACTOR COOLANT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X.Y.Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PS-1180	PRESSURE SOLENOID	GASKET LEAKAGE PR/PRESSURE SWITCH	AUTOMATIC SWITCH CONTR	SB12BR/TN10 A32	RB17	636.0 1486.0 62.0	A	H	C		7.5-	1288	02
PT-1102A	PRESSURE TRANSMI	PRESURIZER PRESSURE	ITT BARTON	763 1005	RB17	658.0 1545.0 62.0	A	H	A	ESF	MRL	1318	03
PT-1102B	PRESSURE TRANSMI	PRESURIZER PRESSURE	ITT BARTON	763 1006	RB17	651.0 1540.0 65.0	A	H	A	ESF	MRL	1319	03
PT-1102C	PRESSURE TRANSMI	PRESURIZER PRESSURE	ITT BARTON	763 1007	RB15	667.0 * 1551.0 * 18.0	A	H	A	ESF	JMG	1320	03
PT-1102D	PRESSURE TRANSMI	PRESURIZER PRESSURE	ITT BARTON	763 1008	RB17	651.0 1543.0 62.0	A	H	A	ESF	JMG	1321	03
PT-1103	PRESSURE TRANSMI	PRESSURIZER PRESSURE	ITT BARTON	763 1009	RB17	659.0 1545.0 62.0	A	H	A	ESF	CE-ML	1322	03
PT-1104	PRESSURE TRANSMI	PRESSURIZER PRESSURE	ITT BARTON	763 1010	RB17	659.0 1545.0 62.0	A	H	A	ESF	CE-ML	1323	03
PT-1105	PRESSURE TRANSMI	PRESSURIZER PRESSURE	ITT BARTON	763 1025	RB17	651.0 1542.0 62.0	A	H	A	ESF	CE-ML	1324	03
PT-1106	PRESSURE TRANSMI	PRESSURIZER PRESSURE	ITT BARTON	763 1026	RB17	651.0 1542.0 62.0	A	H	A	ESF	CE-ML	1325	03
PT-1107	PRESSURE TRANSMI	PRESSURIZER PRESSURE	ITT BARTON	763 1011	RB17	651.0 1542.0 62.0	A	H	A	ESF	CE-ML	1326	03
PT-1108	PRESSURE TRANSMI	PRESSURIZER PRESSURE	ITT BARTON	763 1012	RB17	659.0 1545.0 62.0	A	H	A	ESF	CE-ML	1327	03
PY-1102A	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V	AB26	581.0 1403.0 62.0	E	M	D		CE-ML	1361	01

TAGS INCLUDED: PS-1180 ----PY-1102A

SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-REACTOR COOLANT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PY-1102A-1	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INS TRUMENT COM	2AO-V21					D		CE-ML	1362	02
PY-1102B	FLOW CONVER TER	LATER	FOXBORO INS TRUMENT COM	2AI-12V	AB26	581.0 1403.0 62.0	E	M	D		CE-ML	1364	01
PY-1102C	FLOW CONVER TER	LATER	FOXBORO INS TRUMENT COM	2AI-12V	AB26	581.0 1403.0 62.0	E	M	D		CE-ML	1367	01
PY-1102C-1	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2AO-V21					D		CE-ML	1368	02
PY-1102D	FLOW CONVER TER	LATER	FOXBORO INS TRUMENT COM	2AI-12V	AB26	581.0 1403.0 62.0	E	M	D		CE-ML	1370	01
RCP 2A1		LATER		BY FIELD	RB16	714.0 1515.0 45.0	A	H	C		3.112	1422	02
RCP 2A2		LATER		BY FIELD	RB16	714.0 1485.0 45.0	A	H	C		3.112	1423	02
RCP 2B1		OIL LIFT PUMP A	ALLIS-CHALM ERS	BY FIELD	RB16	664.0 1515.0 45.0	A	H	C		3.112	1424	02
RCP 2B2		OIL LIFT PUMP A	ALLIS-CHALM ERS	BY FIELD	RB16	664.0 1485.0 45.0	A	H	C		3.112	1425	02
TE-1111X	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPE RATURE	RDF CORP	P/N-21233 S/N-139	RB15	709.0 1500.00 18.0	A	H	A	RPS PAM	CE-ML	1520	03
TE-1111Y	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	P/N-212337 S/N-128	RB15	706.0 1483.00 18.0	A	H	A	RPS PAM	CE-ML	1521	03
TE-1112CA	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPE RATURE	RDF CORP	FAST RESPON SE	RB15	706.0 1484.00 18.0	A	H	A	RPS PAM	CE-ML	1522	03

TAGS INCLUDED: PY-1102A-1 ----TE-1112CA
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-REACTOR COOLANT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
TE-1112CB	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	FAST RESPONSE	RB15	708.0 1511.00 18.0	A H	A	RPS PAM	CE-ML	1523	03
TE-1112CC	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP 129	P/N-212330N SE S/N-129	RB15	707.0 1484.00 18.0	A H	A	RPS PAM	CE-ML	1524	03
TE-1112CD	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	FAST RESPONSE	RB15	707.0 1511.00 18.0	A H	A	RPS PAM	CE-ML	1525	03
TE-1112HA	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	FAST RESPONSE	RB15	708.0 1499.00 18.0	A H	A	RPS PAM	CE-ML	1526	03
TE-1112HB	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	FAST RESPONSE	RB15	708.0 1501.00 18.0	A H	A	PAM	CE-ML	1527	03
TE-1112HC	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	P/N-21233 S/N-117	RB15	710.0 1499.00 18.0	A H	A	PAM	CE-ML	1528	03
TE-1112HD	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	P/N-21233 S/N-118	RB15	710.0 1501.00 18.0	A H	A	PAM	CE-ML	1529	03
TE-1115	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	FAST RESPONSE	RB15	707.0 1510.00 18.0	A H	A	PAM	CE-ML	1530	03
TE-1121X	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	P/N-21233 S/N-137	RB15	666.0 1500.00 18.0	A H	A	PAM	CE-ML	1531	03
TE-1121Y	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	P/N-21233 S/N-133	RB15	668.0 1490.00 18.0	A H	A	PAM	CE-ML	1532	03
TE-1122CA	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	FAST RESPONSE	RB15	668.0 1518.00 18.0	A H	A	PAM	CE-ML	1533	03
TE-1122CB	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	FAST RESPONSE	RB15	669.0 1488.00 18.0	A H	A	PAM	CE-ML	1534	03

TAGS INCLUDED: TE-1112CB ----TE-1122CB
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-REACTOR COOLANT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X.Y.Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
TE-1122CC	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	FAST RESPONSE	RB15	667.0 1518.00 18.0	A	H	A	PAM	CE-ML	1535	03
TE-1122CD	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	FAST RESPONSE	RB15	667.0 1488.00 18.0	A	H	A	RPS	CE-ML	1536	03
TE-1122HA	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	FAST RESPONSE	RB15	667.0 1501.00 18.0	A	H	A	RPS	CE-ML	1537	03
TE-1122HB	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	P/N-21233 S/N-122	RB15	667.0 1499.00 18.0	A	H	A	RPS	CE-ML	1538	03
TE-1122HC	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	P/N-21233 S/N-121	RB15	664.0 1501.00 18.0	A	H	A	RPS	CE-ML	1539	03
TE-1122HD	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	BY FIELD	RB15	664.0 1499.00 18.0	A	H	A	RPS PAM	CE-ML	1540	03
TE-1125	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	RDF CORP	BY FIELD	RB15	667.0 1516.00 18.0	A	H	A	RPS	CE-ML	1541	03
TI-1102A	TEMPERATURE INDICATOR	REACTOR COOLANT LOOP TEMP	SIGMA	9262-00-D	AB26	573.0 1424.0 62.0	E	M	D	RPS PAM	7.5-1	1551	01
TI-1102B	TEMPERATURE INDICATOR	REACTOR COOLANT LOOP TEMP	SIGMA	9262-00-D	AB26	573.0 1424.0 62.0	E	M	D	RPS PAM	7.5-1	1552	01
TI-1102C	TEMPERATURE INDICATOR	COOLANT LOOP-TC	SIGMA	9262-00-D	AB26	573.0 1424.0 62.0	E	M	D	RPS	7.5-1	1553	01
TI-1102D	TEMPERATURE INDICATOR	REACTOR COOLANT LOOP TEMP	SIGMA	9262-00-D	AB26	573.0 1424.0 62.0	E	M	D	RPS	7.5-1	1554	01
TI-1115	TEMPERATURE INDICATOR	COLD LEG 2A1 TEMPERATURE		BY FIELD					D	RPS	7.5-1	1555	01

TAGS INCLUDED: TE-1122CC ----TI-1115
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-REACTOR COOLANT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
TI-1115-1	TEMPERATURE INDICATOR	REACTOR COLD LEG	SIGMA	9262-00-B	AB27	519.0 1391.0 43.0	E	M	D	SD	7.5-1	1556	01
TI-1125	TEMPERATURE INDICATOR	COLD LEG 2B1 TEMPERATURE		BY FIELD					D	RPS	7.5-1	1557	01
TI-1125-1	TEMPERATURE INDICATOR	REACTOR COLD LEG	SIGMA	9262-00-B	AB27	519.0 1391.0 43.0	E	M	D	SD	7.5-1	1558	01
TR-1115	FLOW RECORDING	COLD LEG 2A1 TEMPERATURE	FOXBORO INSTRUMENT COM	M/226-01,02	AB26	573.0 1424.0 62.0	E	M	D	SD	7.5-1	1565	01
TR-1125	FLOW RECORDING	COLD LEG 2B1 TEMPERATURE	FOXBORO INSTRUMENT COM	M/226-01,02	AB26	573.0 1424.0 62.0	E	M	D	SD	7.5-1	1566	01
TY-1112CA	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V					D		CE-ML	1596	02
V-1476		LTOP ISOL		BY FIELD		659.00 1539.00 62.0	A	H	A		1.9A-1	2172	03
V1460		RV HEAD VENT		BY FIELD		668.00 1524.00 79.0	A	H	A		1.9A-1	2133	03
V1461		RV HEAD VENT		BY FIELD		668.00 1523.00 77.0	A	H	A		1.9A-1	2134	03
V1462		RV HEAD VENT		BY FIELD		668.0 1522.00 75.0	A	H	A		1.9A-1	2135	03
V1463		RV HEAD VENT		BY FIELD		668.0 1521.00 73.0	A	H	A		1.9A-1	2140	03
V1464		RV HEAD VENT		BY FIELD		664.0 1522.00 75.0	A	H	A		1.9A-1	2136	03

TAGS INCLUDED: TI-1115-1 ----V1464
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 01-REACTOR COOLANT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION .X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
V1465		RV HEAD VENT		BY FIELD		664.0 1521.00 77.0	A	H	A		1.9A-1	2137	03
V1466		RV HEAD VENT		BY FIELD		664.0 1520.00 73.0	A	H	A		1.9A-1	2138	03
V1474		LATER		BY FIELD	RB17	655.0 1537.0 62.0	A	H	A			2131	03
V1475		LATER		BY FIELD	RB17	656.0 1535.0 62.0	A	H	A			2132	03

SYSTEM # & NAME: 02-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FY-2212-2	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-VAI-9					D		CE-ML	0702	02
BA M-U P 2A		LATER	BROWN-BOVERI ELECTRI	B/M C8-8	AB24	521.0 1545.0 -1.0	E	M	D		7.3-2	0103	03
BA M-U P 2A SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB24	532.0 1551.0 4.0	E	M	D	SD	3.112	0105	01
BA M-U P 2B		LATER	BROWN-BOVERI ELECTRI	B/M C8-8	AB24	521.0 1540.0 -1.0	E	M	D		7.3-2	0106	03
BA M-U P 2B SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB24	532.0 1551.0 4.0	E	M	D	SD	3.112	0108	01
B2G30	INTERLOCKING RELAY	MISCELLANEOUS CONTROL INTER-LOCKS FOR CHRG	SEE SUBCOMPON- ENTS	SEE SUBCOMPON- ENTS	AB24	544.0 1551.0 5.0	D	H	A	ESF	3.112	0121	03
B2G31	INTERLOCKING RELAY	MISC. CONTROL INTERLOCKS FOR CHARGING	SEE SUBCOMP	SEE SUBCOMP	AB24	567.0 1562.0 5.0	D	H	A	ESF	3.11-2	0122	03
B2G32	INTERLOCKING RELAY	MISC. CONTROL INTERLOCKS FOR CHARGING	SEE SUBCOMP	SEE SUBCOMP	AB24	572.0 1550.0 5.0	D	H	A	ESF	3.11-2	0123	03
CCW P 2A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	CCO2	683.0 1662.0 28.0	H	M	D	SD	3.112	0175	01
CCW P 2B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	B/M C10-2A	CCO2	640.0 1660.0 28.0	H	M	D	SD	3.112	0177	01
CCW P 2C PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	B/M C10-2A	CCO2	677.0 1730.0 27.0	H	M	D	SD	3.112	0179	01
CHGG P 2A	PUMP MOTOR	CHARGING PUMP 2A;CVCS MAKEUP	WESTINGHOUSE	384D787/750 4-1	AB24	552.0 1553.0 1.0	D	H	A	RPS ESF	MRL	0180	03

TAGS INCLUDED: FY-2212-2 ----CHGG P 2A
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: O2-CHEMICAL&VOL CONTROL

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
CHGG P 2A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C10-2A	AB24	550.0 1562.0 4.0	D	H	B	RPS ESF	MRL	0181	03
CHGG P 2B	PUMP MOTOR	CHARGING PUMP 2B	WESTINGHOUS E	384D787	AB24	562.0 1550.0 1.0	D	H	A	RPS ESF	MRL	0182	03
CHGG P 2B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C10-2A	AB24	565.0 1562.0 4.0	D	H	B	RPS ESF	MRL	0183	03
CHGG P 2C	PUMP MOTOR	CHARGING PUMP 2C	WESTINGHOUS E	384D787/750 4-2	AB24	580.0 1553.0 1.0	D	H	A	RPS ESF	MRL	0184	03
CHGG P 2C PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C10-2A	AB24	578.0 1562.0 4.0	D	H	B	RPS ESF	MRL	0185	03
FCV-2210Y (FC)	FLOW CONTRO L VALVE	BAMP DISCHARGE CLOSES(SIAS)	COMB. ENGR.	BY FIELD	AB24	511.0 1548.0 7.0	E	M	D		3.9-9	0424	01
FI-21-8A	FLOW TRANSM ITTER	LATER	ITT BARTON	BY FIELD					D		MRL	0530	02
FI-21-8B	FLOW TRANSM ITTER	LATER	ITT BARTON	BY FIELD					D		MRL	0531	02
FIA-2212	FLOW INDICA TG ALARM	CHARGING FLOW TO REGEN HX		BY FIELD	AB26	581.0 1413.0 62.0	E	M	D	SD	7.5-1	0552	01
FP P 2A SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	FH2O	659.0 1604.0 24.0	F	M	D	SD	3.112	0567	01
FP P 2B SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	FH2O	654.0 1604.0 24.0	F	M	D	SD	3.112	0569	01
FT-2212	FLOW TRANSMI	FLOW FROM CHG PUMPS TO HTX	ROSEMOUNT	1153HB5/ 358354	AB24	578.0 1557.0 5.0	D	H	A	RPS ESF	7.3-2	0655	03

TAGS INCLUDED: CHGG P 2A PB ----FT-2212
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 02-CHEMICAL&VOL CONTROL

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FY-2212	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V	AB26	581.0 1413.0 62.0	E	M	D		CE-ML	0700	01
FY-2212-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0701	02
INT CGW P 2A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	B/M C10-2A	IT05	646.0 1043.0 17.0	I	M	D	SD	7.3-2	0805	01
INT CGW P 2B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	B/M C10-2A BY FIEL	IT05	624.0 1036.0 17.0	I	M	D	SD	7.3-2	0807	01
INT CGW P 2C PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	B/M C10-2A BY FIEL	IT05	642.0 1043.0 17.0	I	M	D	SD	7.3-2	0809	01
IRS HDRZN P 2A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	B/M C10-6A BY FIEL	AB24	546.0 1412.0 6.0	E	M	D	RPS ESF	3.112	0811	01
IRS HDRZN P 2B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	B/M C10-6A BY FIEL	AB24	517.0 1412.0 6.0	E	M	D	RPS ESF	3.112	0813	02
LIA-2206	LEVEL INDIC ATG ALARM	BORIC ACID MAKEUP TANK 2A LEVEL		BY FIELD	AB26	581.0 1413.0 62.0	E	M	D	SD	7.5-1	0857	01
LIA-2208	LEVEL INDIC ATG ALARM	BORIC ACID MAKEUP TANK 2B LEVEL		BY FIELD	AB26	581.0 1413.0 62.0	E	M	D	SD	7.5-1	0858	01
LS-2234X	LEVEL SWITCH	LATER		BY FIELD	AB24	550.0 1547.0 1.0	D	H	C		7.5-	0898	02
LS-2234Y	LEVEL SWITCH	LATER		BY FIELD	AB24	562.0 1547.0 1.0	D	H	C		7.5-	0899	02
LS-2234Z	LEVEL SWITCH	LATER		BY FIELD	AB24	578.0 1546.0 1.0	D	H	C		7.5-	0900	02

TAGS INCLUDED: FY-2212 ----LS-2234Z
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: O2-CHEMICAL&VOL CONTROL

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
MV-14-2 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	CCO2	672.0 1731.0 28.0	H	M	D	SD	3.112	1085	01
MV-14-3 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	CCO2	672.0 1731.0 28.0	H	M	D	SD	3.112	1089	01
MV-14-4 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	CCO2	672.0 1731.0 28.0	H	M	D	SD	3.112	1091	01
MV-21-3 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	IT05	667.0 1056.0 20.0	I	M	D	SD	3.112	1097	01
MV-21-4A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	IT05	668.0 1059.0 20.0	I	M	D	SD	3.112	1099	01
MV-21-4B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	IT05	678.0 1059.0 20.0	I	M	D	SD	3.112	1101	01
MV-2514	MOISTURE EL EC RECEIVER	LATER		BY FIELD	AB24	517.0 1545.0 5.0	E	M	D		3.112	1102	02
PIA-2212	PRESS DIFFE R'TL INDICA	CHARGING HEADE R PRESSURE		BY FIELD	AB26	581.0 1413.0 62.0	E	M	D	SD	7.5-1	1234	01
PS-2224X	PRESSURE SW ITCH	CP 2A SUCTION PR	ALLEN BRADL EY	836C-62J	AB24	547.0 * 1558.0 * 5.0	D	H	C	ESF	CE-ML	1295	02
PS-2224Y	PRESSURE SW ITCH	CP 2B SUCTION PR	ALLEN BRADL EY	836C-62J	AB24	563.0 * 1558.0 * 5.0	D	H	C	ESF	CE-ML	1296	02
PS-2224Z	PRESSURE SW ITCH	CP 2C SUCTION PR	ALLEN BRADL EY	836C-62J	AB24	572.0 * 1558.0 * 5.0	D	H	C	ESF	CE-ML	1297	02
PT-2212	PRESSURE TRANSMI	CP DISCH PRESSURE	ROSEMOUNT	1153GB9	AB24	577.0 1557.0 5.0	D	H	A	RPS ESF	7.3-2	1330	03

TAGS INCLUDED: MV-14-2 PB ----PT-2212
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 02-CHEMICAL&VOL CONTROL

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
SE-02-01	SOLENOID VALVE	CHARGING LINE ISOL VALVE	TARGET ROCK	740-005-1 S/N 1	RB15	650.0 1549.0 18.0	A	H	A	ESF	7.3-2	1952	03
SE-02-02	SOLENOID VALVE	CHARGING LINE ISOL VALVE	TARGET ROCK	740-1005-1/5	RB15	648.0 1547.0 18.0	A	H	A	ESF	7.3-2	1953	03
SE-02-03	SOLENOID VALVE	AUXILIARY SPRAY ISOL VALVE	TARGET ROCK	740-003-1/10	RB15	652.0 1551.0 18.0	A	H	A	ESF	7.3-2	1954	03
SE-02-04	SOLENOID VALVE	AUXILIARY SPRAY ISOL VALVE	TARGET ROCK	740-003-1/4	RB15	651.0 1550.0 18.0	A	H	A	ESF	7.3-2	1955	03
SE-02-5	VALVE	AUXILIARY SPRAY VALVE	TARGET ROCK CORPORA	77CC001	RB15	651. 1550. 18.0	A	H	C	ESF	7.3-2	0003	02
V2104	MOV	BORIC ACID SUPPLY VALVE	LIMITORQUE	SMB					D	ESF	7.3-2	1648	01
V2501 (FAI)	MOV	VCT DISCHARGE VALVE	LIMITORQUE CORP	SMB-00-15	AB25	553.0 1572.0 20.0	E	M	D	ESF	7.3-2	1649	01
V2504	MOV	RWT SUPPLY	LIMITORQUE CORP	SMB-00-15	AB24	553.0 1542.0 -1.0	D	H	A	SD	MRL	1650	03
V2505	CONTROL VALVE	CONT. ISOL		BY FIELD		602.0 1501.00 20.0	D	H	A		1.9A-1	2141	03
V2508	MOTOR OPERATED VALVES	BORIC ACID TANK 2BGRAVITY FEED VALVE TO	LIMITORQUE CORP	SMB-00-15	AB24	509.0 1547.0 -1.0	E	M	D	ESF	3.9-10	1652	02
V2508 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB24	513.0 1551.0 1.0	E	M	D	RPS ESF	3.112	1653	02
V2509 (FAI)	MOTOR OPERATED VALVES	BORIC ACID TANK 2A GRAVITY FEED VALVE TO C	LIMITORQUE CORP	SMB-00-15	AB24	509.0 1545.0 -1.0	E	M	D	ESF	3.9-10	1654	02

TAGS INCLUDED: SE-02-01 ----V2509 (FAI)
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: O2-CHEMICAL&VOL CONTROL

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
V2509 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB24	513.0 1551.0 1.0	E	M	D	RPS ESF	3.112	1655	02
V2512		VCT ISOL		BY FIELD		551.0 1576.00 20.0	A	H	A		1.9A-1	2143	03
V2514		BAMP DISCHARGE	LIMITORQUE	BY FIELD		532.00 1551.00 4.0	A	H	A		1.9A-1	2139	03
V2514 (FAI)		LATER	LIMITORQUE CORP	BY FIELD	AB24	532.0 1551.0 4.0		M	A			2124	03
V2514 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB24	532.0 1551.0 4.0	E	M	D	RPS ESF	3.112	1656	02
V2515	ISOLATION VALVE	LETDOWN LINE ISOLATIONVALVE	ASCO/NAMCO	S:RFHV20230 31	RB15	641.0 1540.0 18.0	A	H	A	ESF	3.9-10	1657	03
V2516	CONTROL VALVE	LETDOWN LINE ISOLATIONVALVE	ASCO/NAMCO	S:RFHV20230 1	RB15	644.0 1543.0 18.0	A	H	A	ESF	3.9-10	1658	03
V2522	CONTROL VALVE	LATER	ASCO/NAMCO	BY FIELD	AB25	607.0 1528.0 20.0	D	H	A		JMG	2020	03
V2523	CONTROL VALVE	LATER	ASCO/NAMCO	S:RFHV20230 31 LS:EA18	AB25	614.0 1535.0 20.0	D	H	A		JMG	2021	03
V2524	CONTROL VALVE	LATER	ASCO/NAMCO LS:EA18	S:REHV20230 31 LS:EA18	RB15	617.0 1500.0 20.0	A	H	A		JMG	2022	03
V2525	MOTOR OPERATED VALVES	BORON LOAD CONTROL VALVE	LIMITORQUE CORP	BY FIELD	AB25	549.0 1572.0 20.0	E	M	A	ESF	3.9-10	1659	03
V2525 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-2B	AB25	545.0 1577.0 20.0	E	M	B	RPS ESF	3.112	1660	03

TAGS INCLUDED: V2509 PB ----V2525 PB
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: O2-CHEMICAL&VOL CONTROL

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
V2553	MOTOR OPERATED VALVES	CHGG P 2C BYPASS	LIMITORQUE CORP	SMB-00	AB24	573.0 1548.0 4.0	D	H	A	ESF	3.9-10	1661	03
V2553 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-3	AB24	585.0 1558.0 5.0	D	H	B	RPS ESF	3.112	1662	03
V2554	MOTOR OPERATED VALVES	CHGG P 2B BYPASS	LIMITORQUE CORP	SB-00/31964 2	AB24	558.0 1548.0 4.0	D	H	A	ESF	3.9-10	1663	03
V2554 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-3	AB24	570.0 1552.0 5.0	D	H	B	RPS ESF	3.112	1664	03
V2555	MOTOR OPERATED VALVES	CHGG P 2A BYPASS	LIMITORQUE CORP	SMB-00	AB24	544.0 1548.0 4.0	D	H	A	ESF	3.9-10	1665	03
V2555 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-3	AB24	556.0 1551.0 5.0	D	H	B	RPS ESF	3.112	1666	03
V2650	CONTROL VALVE	BAMT RECIRC		BY FIELD		511.0 1559.00 3.0	A	H	A		1.9A-1	2142	03
V2651	CONTROL VALVE	BAMT RECIRC		BY FIELD		511.0 1538.00 3.0	A	H	A		1.9A-1	2144	03
V3480 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	489.0 1464.0 43.0	E	M	D	RPS ESF	3.112	1672	02
V3481 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	546.0 1461.0 43.0	E	M	D	RPS ESF	3.112	1674	02
V3545 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB26	589.0 1440.0 48.0	E	M	D	RPS ESF	3.112	1686	02
V3613 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB25	584.0 1467.0 24.0	E	M	D	RPS ESF	3.112	1691	01

TAGS INCLUDED: V2553 ----V3613 SS
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: O2-CHEMICAL&VOL CONTROL

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X.Y.Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
V3614 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	546.0 1461.0 43.0	E	M	D	RPS ESF	3.112	1693	01
V3623 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB25	584.0 1469.0 24.0	E	M	D	RPS ESF	3.112	1694	01
V3633 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB25	584.0 1448.0 24.0	E	M	D	RPS ESF	3.112	1696	01
V3634 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	489.0 1464.0 43.0	E	M	D	RPS ESF	3.112	1698	01
V3643 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB25	584.0 1450.0 24.0	E	M	D	RPS ESF	3.112	1699	01
V3644 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	489.0 1464.0 43.0	E	M	D	RPS ESF	3.112	1701	01
V3651 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	489.0 1464.0 43.0	E	M	D	RPS ESF	3.112	1703	01
V3652 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	546.0 1461.0 43.0	E	M	D	RPS ESF	3.112	1705	01
V5201 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	541.0 1462.0 43.0	E	M	D	RPS ESF	3.112	1721	02
V5202 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	541.0 1462.0 43.0	E	M	D	RPS ESF	3.112	1722	02
2HVE-13A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB28	500.0 1409.0 65.0	E	M	D	SD	3.112	1791	01
2HVE-13B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB28	508.0 1409.0 67.0	E	M	D	SD	3.112	1792	01

TAGS INCLUDED: V3614 SS ----2HVE-13B PB
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: O2-CHEMICAL&VOL CONTROL

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
2HVE-41A SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	IT05	639.0 1043.0 20.0	I	M	D	SD	3.112	1793	01
2RV-1 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	599.0 1462.0 48.0	E	M	D	SD	3.112	1808	01
2RV-2 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	624.0 1443.0 48.0	E	M	D	RPS ESF	3.112	1809	02
2RV-3 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	596.0 1459.0 48.0	E	M	D	RPS ESF	3.112	1810	02
2RV-4 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	574.0 1459.0 48.0	E	M	D	RPS ESF	3.112	1811	02

SYSTEM # & NAME: 03-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FC-3301	FLOW CONTROLLER	LATER	FOXBORO INSTRUMENT COM	2AC+D+A4					D		CE-ML	0412	01
FC-3306	FLOW CONTROLLER	LATER	FOXBORO INSTRUMENT COM	2AC+D+A4					D		CE-ML	0413	01
FR-3301	FLOW RECORDING	LATER	FOXBORO INSTRUMENT COM	M/226-01.02					D		CE-ML	0580	01
FY-3301-2	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	0705	02
FY-3306-2	FLOW CONVERTER	SIGNAL CONVERSION	FOXBORO INSTRUMENT COM	2AO-V21	AB26	595.0 1391.0 62.0	E	M	D		CE-ML	0709	02
FY-3306-3	FLOW CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AO-VAI-9	AB26	THE CONTROL ROOM	C		D		CE-ML	0710	02 -
FY-3311	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	0711	02
FY-3311-1	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0712	02
FY-3312	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	0713	02
FY-3312-1	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0714	02
FY-3313	FLOW CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	533 1426 62	E	M	D		CE-ML	0715	02
FY-3313-1	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0716	02

TAGS INCLUDED: FC-3301 ----FY-3313-1
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FY-3315	FLOW CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	595 1391 62	E	M	D		CE-ML	0717	02
FY-3315-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0718	02
FY-3317	FLOW CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	533 1426 62	E	M	D		CE-ML	0719	02
FY-3317-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0720	02
FY-3321	FLOW CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	595 1391 62	E	M	D		CE-ML	0721	02
FY-3321-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0722	02
FY-3322	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	0723	02
FY-3322-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0724	02
FY-3323	FLOW CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	533 1426 62	E	M	D		CE-ML	0725	02
FY-3323-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0726	02
FY-3325	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	0727	02
FY-3325-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0728	02

TAGS INCLUDED: FY-3315 ----FY-3325-1
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FY-3327	FLOW CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	595 1391 62	E	M	D		CE-ML	0729	02
FY-3327-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0730	02
FY-3331	FLOW CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	533 1426 62	E	M	D		CE-ML	0731	02
FY-3332	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	0732	02
FY-3332-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0733	02
FY-3333	FLOW CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	595 1391 62	E	M	D		CE-ML	0734	02
FY-3333-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0735	02
FY-3341	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	0736	02
FY-3341-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0737	02
FY-3342	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	0738	02
FY-3342-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0739	02
FY-3343	FLOW CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	595 1391 62	E	M	D		CE-ML	0740	02

TAGS INCLUDED: FY-3327 ----FY-3343
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FY-3343-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE				D		CE-ML	0741	02
PY-3302	PRESS CNVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	595 1391 62	E M	D		CE-ML	1389	02
PY-3304	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V				D		CE-ML	1390	02
PY-3305	PRESS CNVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	595 1391 62	E M	D		CE-ML	1391	02
PY-3306	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V				D		CE-ML	1392	02
PY-3307	PRESS CNVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	595 1391 62	E M	D		CE-ML	1393	02
PY-3308	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V				D		CE-ML	1394	02
PY-3309	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V				D		CE-ML	1395	02
TR-3352	FLOW RECORDING	SHUTDOWN HV 2B INLET/LPSI HDR 2B	FOXBORO INSTRUMENT COM	M/226-01.02				D	SD PAM	7.5-1	1591	02
TY-3303X	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1630	02
TY-3303Y	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1631	02
TY-3303Z	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1632	02

TAGS INCLUDED: FY-3343-1 ----TY-3303Z
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
TY-3351X	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1633	02
TY-3351Y	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1634	02
TY-3352X	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1635	02
TY-3352Y	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V				D		CE-ML	1636	02
ZI-3306	POS. IND CNTRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1766	01
ZI-3512	POS. IND CNTRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1767	01
ZI-3523	POS. IND CNTRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1768	01
ZI-3536	POS. IND CNTRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1769	01
ZI-3539	POS. IND CNTRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1770	01
ZI-3540	POS. IND CNTRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1771	01
ZI-3545	POS. IND CNTRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1772	01
ZI-3614	POS. IND CNTRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1773	01

TAGS INCLUDED: TY-3351X ----ZI-3614
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
ZI-3615	POS. IND CN TRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1774	01
ZI-3616	POS. IND CN TRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1775	01
ZI-3617	POS. IND CN TRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1776	01
ZI-3624	POS. IND CN TRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1777	01
ZI-3625	POS. IND CN TRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1778	01
ZI-3626	POS. IND CN TRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1779	01
ZI-3627	POS. IND CN TRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1780	01
ZI-3634	POS. IND CN TRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1781	01
ZI-3635	POS. IND CN TRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1782	01
ZI-3636	POS. IND CN TRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1783	01
ZI-3637	POS. IND CN TRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1784	01
ZI-3644	POS. IND CN TRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C	D	ESF SD PAM	CE-ML	1785	01

TAGS INCLUDED: ZI-3615 ----ZI-3644
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
ZI-3645	POS. IND CNTRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C		D	ESF SD PAM	CE-ML	1786	01
ZI-3646	POS. IND CNTRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C		D	ESF SD PAM	CE-ML	1787	01
ZI-3647	POS. IND CNTRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C		D	ESF SD PAM	CE-ML	1788	01
ZI-3657	POS. IND CNTRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C		D	ESF SD PAM	CE-ML	1789	01
FCV-3301	MOTOR OPERATED VALVE	LPSI DISCHARGE MOD SDC FLOW	LIMITORQUE CORPORA	SMB-000-2HI BC/ 293491	AB24	555.0 1465.0 5.0	D	H	A	ESF	3.9-10	0472	03
FCV-3301 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C9-4B L	AB24	553.0 1463.0 5.0	D	H	B	RPS ESF	3.112	0473	03
FCV-3306	MOTOR OPERATED VALVE	LPSI DISCHARGE MOD SDC FLOW	LIMITORQUE CORPORA	SMB-000-2HI BC/ 293490	AB24	575.0 1479.0 5.0	D	H	A	SD	3.9-10	0474	03
FCV-3306 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C9-4B	AB24	572.0 1471.0 5.0	D	H	B	RPS ESF	3.112	0475	03
FI-3301	FLOW RATE INDICATOR	LATER	SIGMA	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D		MRL	0538	01
FI-3301-1	FLOW RATE INDICATOR	SHUTDOWN COOLING	SIGMA	BY FIELD	AB27	519.0 1391.0 43.0	E	M	D	SD	7.5-1	0539	02
FI-3306	FLOW RATE INDICATOR	LATER	SIGMA	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D		MRL	0540	02
FI-3306-1	FLOW RATE INDICATOR	SHUTDOWN COOLING	SIGMA	BY FIELD	AB27	519.0 1391.0 43.0	E	M	D	SD	7.5-1	0541	02

TAGS INCLUDED: ZI-3645 ----FI-3306-1
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X.Y.Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FI-3311	FLOW RATE INDICATOR	HPSI LOOP 2A2 FLOW	SIGMA	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	RPS ESF	7.5-1	0542	01
FI-3312	FLOW RATE INDICATOR	LPSI LOOP 2A2 FLOW	SIGMA	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	ESF SD PAM	7.5-1	0543	01
FI-3315	FLOW RATE INDICATOR	HPSI TO HOT LOP 2A FLOW	SIGMA	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	ESF PAM	7.5-1	0544	01
FI-3321	FLOW RATE INDICATOR	HPSI LOOP 2A1 FLOW	SIGMA	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	RPS ESF	7.5-1	0545	01
FI-3322	FLOW RATE INDICATOR	LPSI LOOP 2A FLOW	SIGMA	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	ESF SD PAM	7.5-1	0546	01
FI-3325	BYPASS ROTIMETER	HPSI TO HOT LOP 2B FLOW		BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	ESF PAM	7.5-1	0547	01
FI-3331	BYPASS ROTIMETER	HPSI LOOP 2B1 FLOW		BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	ESF PAM	7.5-1	0548	01
FI-3332	BYPASS ROTIMETER	LPSI LOOP 2B1 FLOW		BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	ESF SD PAM	7.5-1	0549	01
FI-3341	BYPASS ROTIMETER	HPSI LOOP 2B2 FLOW		BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	ESF PAM	7.5-1	0550	01
FI-3342	BYPASS ROTIMETER	LPSI LOOP 2B2 FLOW		BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	ESF SD PAM	7.5-1	0551	01
FIC-3301	FLOW INDICATING CONTR	SDC SYSTEM FLOW	FOXBORO INSTRUMENT COM	27OAM-P2A					D	PAM	CE-ML	0559	02
FIC-3306	FLOW INDICATING CONTR	SDC SYSTEM FLOW	FOXBORO INSTRUMENT COM	27OAM-P2A					D	PAM	CE-ML	0560	02

TAGS INCLUDED: FI-3311 ----FIC-3306
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FR-3301	FLOW RECORDING	SHUTDOWN COOLING LOOP 2B FLOW	FOXBORO	M/226-01.02				D	SD PAM	7.5-1	0588	01
FR-3306	FLOW RECORDING	SDC SYSTEM FLOW	FOXBORO INSTRUMENT COM	M/226-01.02				D		CE-ML	0581	01
FR-3313	FLOW RECORDING	HPSI LOOP 2A2/2A1 FLOW	FOXBORO INSTRUMENT COM	M/226-01.02	AB26	581.0 1403.0 62.0	E M	D	PAM	7.5-1	0582	01
FR-3317	FLOW RECORDING	HPSI TO HOT LOP 2A FLOW	FOXBORO INSTRUMENT COM	M/226-01.02	AB26	581.0 1403.0 62.0	E M	D	PAM	7.5-1	0583	01
FR-3323	FLOW RECORDING	HPSI LOOP 2A2/2A1 FLOW	FOXBORO INSTRUMENT COM	M/226-01.02	AB26	581.0 1403.0 62.0	E M	D	PAM	7.5-1	0584	01
FR-3327	FLOW RECORDING	HPSI TO HOT LOP 2B	FOXBORO INSTRUMENT COM	M/226-01.02	AB26	581.0 1403.0 62.0	E M	D	ESF PAM	7.5-1	0585	01
FR-3333	FLOW RECORDING	HPSI LOOP 2B1/2B2 FLOW	FOXBORO INSTRUMENT COM	M/226-01.02	AB26	581.0 1403.0 62.0	E M	D	ESF PAM	7.5-1	0586	01
FR-3343	FLOW RECORDING	HPSI LOOP 2B1/2B2 FLOW	FOXBORO INSTRUMENT COM	M/226-01.02	AB26	581.0 1403.0 62.0	E M	D	ESF PAM	7.5-1	0587	01
FT-3301	PRESSURE TRANSMITTER	SDC FLOW CNTRL	ROSEMOUNT	1153DB5	AB24	542.0 1485.0 -1.0	E M	D		7.3-2	0670	01
FT-3306	PRESSURE TRANSMITTER	SDC FLOW CNTRL	ROSEMOUNT	1153DB5	AB24	542.0 1466.0 -1.0	E M	D		7.3-2	0671	01
FT-3311	PRESSURE TRANSMITTER	HPSI FLOW	ROSEMOUNT	1153HB5	AB24	542.0 1476.0 -1.0	E M	D		7.3-2	0672	01
FT-3312	PRESSURE TRANSMITTER	LPSI FLOW	ROSEMOUNT	1153DB6	AB24	542.0 1476.0 -1.0	E M	D		7.3-2	0673	01

TAGS INCLUDED: FR-3301 ----FT-3312
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FT-3313	PRESSURE TRANSMITTER	HPSDI FLOW	ROSEMOUNT	1153HB5	AB24	542.0 1508.0 -1.0	E	M	D		7.3-2	0674	01
FT-3315	PRESSURE TRANSMITTER	SDC FLOW	ROSEMOUNT	1153HB5		********* ********* ******			D		7.3-2	0675	01
FT-3317	PRESSURE TRANSMITTER	SDC FLOW	ROSEMOUNT	1153HB5		********* ********* ******			D		7.3-2	0676	01
FT-3321	PRESSURE TRANSMITTER	HPSI FLOW	ROSEMOUNT	1153HB5	AB24	542.0 1476.0 -1.0	E	M	D		7.3-2	0677	01
FT-3322	FLOW TRANSMITTER	LPSI FLOW	ROSEMOUNT	1153DB6	AB24	542.0 1476.0 -1.0	E	M	D		7.3-2	0678	01
FT-3323	PRESSURE TRANSMITTER	HPSI FLOW	ROSEMOUNT	1153HB5	AB24	542.0 1508.0 -1.0	E	M	D		7.3-2	0679	01
FT-3325	PRESSURE TRANSMITTER	SDC FLOW	ROSEMOUNT	1153HB5	AB24	542.0 1534.0 -1.0	E	M	D		7.3-2	0680	01
FT-3327	PRESSURE TRANSMITTER	SDC FLOW	ROSEMOUNT	1153HB5		********* ********* ******			D		7.3-2	0681	01
FT-3331	PRESSURE TRANSMITTER	HPSI FLOW	ROSEMOUNT	1153HB5	AB24	542.0 1508.0 -1.0	E	M	D		7.3-2	0682	01
FT-3332	PRESSURE TRANSMITTER	LPSI FLOW	ROSEMOUNT	1153DB6	AB24	542.0 1485.0 -1.0	E	M	D		7.3-2	0683	01
FT-3333	PRESSURE TRANSMITTER	HPSI FLOW	ROSEMOUNT	1153HB5	AB24	542.0 1514.0 -1.0	E	M	D		7.3-2	0684	01
FT-3341	PRESSURE TRANSMITTER	HPSI FLOW	ROSEMOUNT	1153HB5	AB24	542.0 1508.0 -1.0	E	M	D		7.3-2	0685	01

TAGS INCLUDED: FT-3313 ----FT-3341
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
FT-3342	PRESSURE TRANSMITTER	LPSI FLOW	ROSEMOUNT	1153DB6	AB24	542.0 1485.0 -1.0	E	M	D		7.3-2	0686	01
FT-3343	PRESSURE TRANSMITTER	HPSI FLOW	ROSEMOUNT	1153HB5	AB24	542.0 1514.0 -1.0	E	M	D		7.3-2	0687	01
FY-3301	FLOW CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	533 * 1426 * 62	E	M	D		CE-ML	0703	01
FY-3301-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0704	02
FY-3306	FLOW CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	581.0 1403.0 62.0	E	M	D		CE-ML	0707	01
FY-3306-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AP-SQE					D		CE-ML	0708	02
HCV-3512	MOTOR OPERATED VALVE	SDC-HX OUTLET OPEN(R-M)	LIMITORQUE CORPORA	SMB-000-2HI BC/ 289732	AB24	560.0 1465.0 5.0	D	H	A	ESF	3.9-9	0760	03
HCV-3512 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C9-3A	AB24	558.0 1463.0 5.0	D	H	B	RPS ESF	3.112	0761	03
HCV-3615	MOTOR OPERATED VALVE	L.P.HEADER OPEN(SIAS)	LIMITORQUE CORPORA	SMB-1/ 157825	AB24	593.0 1495.0 6.0	D	H	A	ESF	3.9-9	0788	03
HCV-3615 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-16	AB24	590.0 1520.0 5.0	D	H	B	RPS ESF	3.112	0762	03
HCV-3617	MOTOR OPERATED VALVE	HPSI HEADER OPEN(SIAS)	LIMITORQUE CORPORA	KZ37181	AB24	593. 1504. 6.0	D	H	A	ESF	3.9-9	0790	03
HCV-3618	ISOLATION VALVE	SIT DRAIN CLOSE(SIAS)	ASCO/NAMCO	S:RFHV20230 3 LS:EA18	RB16	729.0 1465.0 46.0	A	H	A	ESF	3.9-9	0765	03

TAGS INCLUDED: FT-3342 ----HCV-3618

SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X.Y.Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
HCV-3625	MOTOR OPERATED VALVE	L.P.HEADER OPEN(SIAS)	LIMITORQUE CORP	SMB-L/ L57827	AB24	593. 1499. 6.0	D	H	A	ESF	3.9-9	0791	03
HCV-3625 PB	LOCAL CONTROL STATION	LOCAL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-1G	AB24	590.0 1520.0 5.0	D	H	B	RPS ESF	3.11-2	0766	03
HCV-3626	MOTOR OPERATED VALVE	HPSI HEADER OPEN(SIAS)	LIMITORQUE CORPORA	SMB-00-10	AB24	567. 1517. 6.0	D	H	A	ESF	3.9-9	0792	03
HCV-3627	MOTOR OPERATED VALVE	HPSI HEADER OPEN(SIAS)	LIMITORQUE CORPORA	SMB-00/7392	AB24	593. 1506. 6.0	D	H	A	ESF	3.9-9	0793	03
HCV-3628	ISOLATION VALVE	SIT DRAIN CLOSE(SIAS)	ASCO/NAMCO	S:RFHV20230 31 LS:EA18	RB16	741.0 1507.0 45.0	A	H	A	ESF	3.9-10	0769	03
HCV-3635	MOTOR OPERATED VALVES	L.P.HEADER OPEN(SIAS)	LIMITORQUE CORP	SMB-1-40/2- 42119	AB24	550.0 1485.0 6.0	D	H	A	ESF	3.9-10	0770	03
HCV-3636	MOTOR OPERATED VALVES	LATER	LIMITORQUE CORP	SMB-00-10	AB24	546.0 1509.0 6.0	D	H	A	ESF	3.9-10	0771	03
HCV-3636 DELETE	MOTOR OPERATED VALVE	HPSI HEADER OPEN(SIAS)	LIMITORQUE CORPORA	BY FIELD					A	ESF	3.9-9	0795	03
HCV-3637	MOTOR OPERATED VALVES	LATER	LIMITORQUE CORP	SMB-00-10/ FZ31120	AB24	574.0 1505.0 6.0	D	H	A	ESF	3.9-10	0772	03
HCV-3637 DELETE	MOTOR OPERATED VALVE	HPSI HEADER OPEN(SIAS)	LIMITORQUE CORPORA	BY FIELD					A	ESF	3.9-9	0796	03
HCV-3638	ISOLATION VALVE	SIT DRAIN CLOSE(SIAS)	ASCO/NAMCO	S:RFHV20230 31 LS:EA18	RB16	639.0 1524.0 45.0	A	H	A	ESF	3.9-10	0773	03
HCV-3645	MOTOR OPERATED VALVE	L.P.HEADER OPEN(SIAS)	LIMITORQUE CORPORA	2-22049	AB24	549. 1426. 6.0	E	M	A	ESF	3.9-9	0797	03

TAGS INCLUDED: HCV-3625 ----HCV-3645 (FAI)
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
HCV-3646	MOTOR OPERATED VALVE	HPSI HEADER OPEN(SIAS)	LIMITORQUE CORPORA	BY FIELD					A	ESF	3.9-9	0798	03
HCV-3646	MOTOR OPERATED VALVES	LATER	LIMITORQUE CORP	SMB-00-10/ 708420-	AB24	546.0 1511.0 6.0	D	H	A	ESF	3.9-10	0775	03
HCV-3647	MOTOR OPERATED VALVES	LTR	LIMITORQUE CORP	3A3272	AB24	574.0 1507.0 6.0	D	H	A	ESF	3.9-10	0776	03
HCV-3648	ISOLATION VALVE	SIT DRAIN CLOSE(SIAS)	ASCO/NAMCO	S:RFHV20230 31 LS:EA18	RB16	642.0 1496.0 45.0	A	H	A	ESF	3.9-10	0777	03
HCV-3657	MOTOR OPERATED VALVES	SDC-HX OUTLET OPEN(R-M)	LIMITORQUE CORP	SMB-000-2HI BC	AB24	575.0 1471.0 5.0	D	H	A	ESF	3.9-10	0778	03
HCV-3657 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C9-3	AB24	573.0 1469.0 5.0	D	H	B	RPS ESF	3.112	0779	03
HPSI P 2A	PUMP MOTOR	HIGH PRESSURE INJECTION PUMP	GENERAL ELECTRI	5K811052C57 /LN83986	AB24	577.0 1511.0 -1.0	D	H	A	ESF	7.3-2	0782	03
HPSI P 2B	PUMP MOTOR	HIGH PRESSURE INJECTION PUMP	GENERAL ELECTRI	5K811052C57 /LN83986	AB24	552.0 1530.0 -1.0	D	H	A	ESF	7.3-2	0783	03
LPSI P 2A	PUMP MOTOR	LOW PRESSURE SFTY INJECTION PUMP	WESTINGHOUS E	5010P39VSWF /1S-78	AB24	583.0 1472.0 -1.0	D	H	A	ESF	7.3-2	0865	03
LPSI P 2A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C10-2A	AB24	596.0 1470.0 -1.0	D	H	B	RPS ESF	3.112	0866	03
LPSI P 2B	PUMP MOTOR	LOW PRESSURE I NJECTION PUMP	WESTINGHOUS E	5010P39VSWF /2S-78	AB24	552.0 1472.0 -1.0	D	H	A	ESF	7.3-2	0867	03
LPSI P 2B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C10-2A	AB24	550.0 1480.0 -1.0	D	H	B	RPS ESF	3.112	0868	03

TAGS INCLUDED: HCV-3646 ----LPSI P 2B PB

SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PI-3304	PRESS DIFFE R'TL INDICA	LPSI HEADER 2B PRESSURE		BY FIELD	AB26	581. 1403. 62.0	E	M	D	ESF SD PAM	7.5-1	1213	1
PI-3307	PRESS DIFFE R'TL INDICA	LPSI HEADER 2A PRESSURE		BY FIELD	AB26	581. 1403. 62.0	E	M	D	ESF SD PAM	7.5-1	1214	1
PI-3308	PRESS DIFFE R'TL INDICA	HPSI HDR. A PR ESS		BY FIELD	AB26	581. 1403. 62.0	E	M	D	ESF PAM	7.5-1	1215	1
PI-3309	PRESS DIFFE R'TL INDICA	HPSI PUMP 2B H DR PRESSURE		BY FIELD	AB26	581. 1403. 62.0	E	M	D	ESF PAM	7.5-1	1216	1
PR-3301	FLOW RECORD ING	LPSI HEADER 2A PRESSURE	FOXBORO INS TRUMENT COM	M/226-01.02		******** ******** ******			D	PAM	7.5-1	1279	01
PR-3302	FLOW RECORD ING	LPSI HEADER 2B PRESSURE	FOXBORO INS TRUMENT COM	M/226-01.02		******** ******** ******			D		7.5-1	1280	01
PR-3305	FLOW RECORD ING	HPSI PUMP 2A H DR PRESSURE	FOXBORO INS TRUMENT COM	M/226-01.02	AB26	581.0 1403.0 62.0	E	M	D	PAM	7.5-1	1281	01
PR-3306	FLOW RECORD ING	HPSI PUMP 2B H DR PRESSURE	FOXBORO INS TRUMENT COM	M/226-01.02	AB26	581.0 1403.0 62.0	E	M	D	ESF PAM	7.5-1	1282	01
PT-3301	PRESSURE TR ANSMITTER	LPSI HEADER A PRESSURE	ROSEMOUNT	1153GB8	AB24	542.0 1485.0 -1.0	E	M	D		7.3-2	1331	01
PT-3302	PRESSURE TR ANSMITTER	LPSI HEADER B PRESSURE	ROSEMOUNT	1153GB8					D		7.3-2	1332	01
PT-3304	PRESSURE TR ANSMITTER	LPSI HEADER B PRESSURE	ROSEMOUNT	1153GB8	AB24	542.0 1485.0 -1.0	E	M	D		7.3-2	1333	01
PT-3305	PRESSURE TR ANSMITTER	HPSI HEADER A PRESSURE	ROSEMOUNT	1153GB9	AB24	542.0 1508.0 -1.0	E	M	D		7.3-2	1334	01

TAGS INCLUDED: PI-3304 ----PT-3305
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PT-3306	PRESSURE TRANSMITTER	HPSI HEADER B PRESSURE	ROSEMOUNT	1153GB9	AB24	542.0 1514.0 -1.0	E	M	D		7.3-2	1335	01
PT-3307	PRESSURE TRANSMITTER	LPSI HEADER A PRESSURE	ROSEMOUNT	1153GB8	AB24	542.0 1466.0 -1.0	E	M	D		7.3-2	1336	01
PT-3308	PRESSURE TRANSMITTER	HPSI A PRESSURE	ROSEMOUNT	1153GB9	AB24	542.0 1514.0 -1.0	E	M	D		7.3-2	1337	01
PT-3309	PRESSURE TRANSMITTER	HPSI B PRESSURE	ROSEMOUNT	1153GB9	AB24	542.0 1508.0 -1.0	E	M	D		7.3-2	1338	01
PY-3301	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	1388	02
SE-03-1A	SOLENOID VALVE	S.I. TANK FILL & DRAIN VALVE	TARGET ROCK	78E-001/1	RB16	617.0 1505.0 27.0	A	H	A	ESF	7.3-2	1439	03
SE-03-1B	SOLENOID VALVE	S.I. TANK FILL & DRAIN VALVE	TARGET ROCK	78E-006/2	RB16	744.0 1471.0 45.0	A	H	A	ESF	7.3-2	1440	03
SE-03-1C	SOLENOID VALVE	S.I. TANK FILL & DRAIN VALVE	TARGET ROCK	78E-006/1005	RB16	631.0 1528.0 46.0	A	H	A	ESF	7.3-2	1441	03
SE-03-1D	SOLENOID VALVE	S.I. TANK FILL & DRAIN VALVE	TARGET ROCK	78E-006/1209	RB16	624.0 1514.0 46.0	A	H	A	ESF	7.3-2	1442	03
SE-03-2A	SOLENOID VALVE	S.I. TANK TEST LINE VALVE TO RWT	TARGET ROCK	78E-007/1	RB15	626.0 1464.0 18.0	A	H	A	ESF	7.3-2	1443	03
SE-03-2B	SOLENOID VALVE	S.I. TANK TEST LINE VALVE TO RWT	TARGET ROCK	78E-007/2	RB15	626.0 1534.0 20.0	A	H	A	ESF	7.3-2	1444	03
TE-3303W	TEMPERATURE ELEMENT	SHUTDOWN COOLING HEAT EXCHNGER TEMP.	RDF CORP	200 OHM/106	AB24	557.0 1438.00 5.0	D	H	A	RPS	CE-ML	1542	03

TAGS INCLUDED: PT-3306 ----TE-3303W

SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
TE-3303X	TEMPERATURE ELEMENT	SHUTDOWN COOLING HEAT EXCHANGER	RDF CORP	200 OHM/107	AB24	558.01 1438.00 5.0	D	H	A	RPS	CE-ML	1543	03
TE-3303Y	TEMPERATURE ELEMENT	SHUTDOWN COOL ING HEAT EXCHANGER	RDF CORP	200 OHM/100	AB24	558.01 1421.00 5.0	D	H	A	RPS	CE-ML	1544	03
TE-3303Z	TEMPERATURE ELEMENT	SHUTDOWN COOL ING HEAT EXCHANGER TEMPERAT	RDF CORP	200 OHM/109	AB24	557.01 1423.00 5.0	D	H	A	RPS	CE-ML	1545	03
TE-3351X	TEMPERATURE ELEMENT	LPSI HEADER TEMPERATURE	RDF CORP	200 OHM/110	AB24	579.01 1480.00 5.0	D	H	A	RPS	CE-ML	1546	03
TE-3351Y	TEMPERATURE ELEMENT	LPSI HEADER TEMPERATURE	RDF CORP	200 OHM/100	AB24	594.01 1471.00 5.0	D	H	A	RPS	CE-ML	1547	03
TE-3352X	TEMPERATURE ELEMENT	LPSI HEADER TEMPERATURE	RDF CORP	200 OHM/111	AB24	550.01 1474.00 5.0	D	H	A	RPS	CE-ML	1548	03
TE-3352Y	TEMPERATURE ELEMENT	LPSI HEADER TEMPERATURE	RDF CORP	200 OHM	AB24	565.01 1489.00 5.0	D	H	A	RPS	CE-ML	1549	03
TI-3303X	TEMPERATURE INDICATOR	SHUTDOWN COOLING HX 2A OUTLET		BY FIELD	AB26	581.01 1403.01 62.0	E	M	D	SD	7.5-1	1559	01
TI-3303Y	TEMPERATURE INDICATOR	SHUTDOWN COOLING HX 2B OUTLET		BY FIELD	AB26	581.01 1403.01 62.0	E	M	D	SD	7.5-1	1560	01
TI-3351Y	TEMPERATURE INDICATOR	LATER	SIGMA	9262-00-B		******** ******** ******			D	SD	7.5-L	1561	01
TI-3352Y	TEMPERATURE INDICATOR	LATER	SIGMA	9262-00-B		******** ******** ******			D	SD	7.5-L	1562	01
TR-3303W	FLOW RECORDING	SHUTDOWN COOLING TEMPERATURE	FOXBORO INSTRUMENT COM	M/226-01.02	AB26	581.01 1403.01 62.0	E	M	D	SD PAM	7.5-1	1588	01

TAGS INCLUDED: TE-3303X ----TR-3303W
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME.	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
TR-3303Z	FLOW RECORDING	SHUTDOWN COOLING TEMPERATURE	FOXBORO INSTRUMENT COM	M/226-01.02	AB26	581.0 1403.0 62.0	E	M	D		CE-ML	1589	01
TR-3351	FLOW RECORDING	SHUTDOWN HX 2A INLET/LPSI HDR 2A	FOXBORO INSTRUMENT COM	M/226-01.02					D	SD PAM	7.5-1	1590	02
TY-3303W	TEMPERATURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-P2V					D		CE-ML	1629	02
V2504 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C9-3G	AB24	550.0 1542.0 2.0	D	H	B	RPS ESF	3.112	1651	03
V3454		HOT LEG INJECT		BY FIELD		0 0	A	H	A		1.9A-1	2177	03
V3456	MOTOR OPERATED VALVES	SDC HX LOCATION	LIMITORQUE CORP	SB-0/259660	AB24	575.0 1467.0 5.0	D	H	A	ESF	3.9-10	1667	03
V3456 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C9-3	AB24	573.0 1469.0 5.0	D	H	B	RPS ESF	3.112	1668	03
V3457	MOTOR OPERATED VALVES	SDC HX ISOLATION	LIMITORQUE CORP	SB-0/267837	AB24	567.0 1463.0 5.0	D	H	A	ESF	3.9-10	1669	03
V3457 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C9-3A	AB24	558.0 1463.0 5.0	D	H	B	RPS ESF	3.112	1670	03
V3480	MOTOR OPERATED VALVE	SDC/ISOL VALVE	LIMITORQUE CORPORA	SMB-1/23024	RB15	708.0 1491.0 35.0	A	H	A	ESF	3.9-9	1671	03
V3481	MOTOR OPERATED VALVE	SDC ISOL VALVE	LIMITORQUE CORPORA	SMB-1/23023 8	RB15	696.0 1482.0 37.0	A	H	A	ESF	3.9-9	1673	03
V3495	CONTROL VALVE	RECIRC.		BY FIELD		574.0 1519.00 5.0	D	H	A		1.9A-1	2178	03

TAGS INCLUDED: TR-3303Z ----V3495

SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
V3495 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C9-3G	AB24	572.0 1515.0 5.0	D	H	B	RPS ESF	3.112	1675	03
V3496 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C9-3G	AB24	557.0 1539.0 -5.0	D	H	B	RPS ESF	3.112	1676	03
V3517	MOTOR OPERATED VALVE	SDC BLOCK VALVE	LIMITORQUE CORPORA	SB-0	AB24	573.0 1484.0 5.0	D	H	A	 ESF	3.9-9	1677	03
V3517	FLOW CONVERTER	LATER	LIMITORQUE CORP	BY FIELD			A		D		CE-ML	0706	02
V3517 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C10-4A	AB24	573.0 1511.0 5.0	D	H	B	RPS ESF	3.112	1678	03
V3523		LATER	LIMITORQUE	BY FIELD		598.00 1507.00 20.0	D	H	A		1.9A-11	2176	03
V3523 (LC) FAI		LATER	LIMITORQUE CORP	BY FIELD	AB25	598.0 1507.0 20.0	D	H	A			2128	03
V3523 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C9-3B	AB25	587.0 1509.0 20.0	D	H	B	RPS ESF	3.112	1679	03
V3536	MOTOR OPERATED VALVES	SDC WARMUP	LIMITORQUE CORP	SMB-00/2588 16	AB24	587.0 1486.0 5.0	D	H	A	 ESF	3.9-10	1680	03
V3536 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C9-1E	AB24	573.0 1511.0 5.0	D	H	B	RPS ESF	3.112	1681	03
V3539	MOTOR OPERATED VALVES	SDC WARMUP	LIMITORQUE CORP	SMB-1-40	AB24	550.0 1483.0 5.0	D	H	A	 ESF	3.9-10	1682	03
V3539 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C8-1E	AB24	550.0 1482.0 5.0	D	H	B	RPS ESF	3.112	1683	03

TAGS INCLUDED: V3495 SS ----V3539 SS
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
V3540		HOT LEG INJECT	LIMITORQUE	BY FIELD		598.00 1507.00 20.0	D	H	A		1.9A-1	2145	03
V3540 (LC) FAI		LATER	LIMITORQUE CORP	BY FIELD	AB25	603.0 1492.0 20.0	D	H	A			2125	03
V3540 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C9-3B	AB25	587.0 1495.0 20.0	D	H	B	RPS ESF	3.112	1684	03
V3545	MOTOR OPERATED VALVE	SDC CROSSTIE	LIMITORQUE CORPORA	SMB-1	RB15	682.0 1478.0 36.0	A	H	A	ESF	3.9-9	1685	03
V3550		HOT LEG INJECT	LIMITORQUE	BY FIELD		602.00 1495.00 20.0	D	H	A		1.9A-1	2174	03
V3550 (LC) FAI		LATER	LIMITORQUE CORP	BY FIELD	AB25	602.0 1495.0 20.0	D	H	A			2126	03
V3550 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C9-3B	AB25	587.0 1495.0 20.0	D	H	B	RPS ESF	3.112	1687	03
V3551		HOT LEG INJECT	LIMITORQUE	BY FIELD		598.00 1510.00 20.0	D	H	A		1.9A-1	2175	03
V3551 (LC) FAI		LATER	LIMITORQUE CORP	BY FIELD	AB25	598.0 1510.0 20.0	D	H	A			2127	03
V3551 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C9-3B	AB25	587.0 1509.0 20.0	D	H	B	RPS ESF	3.112	1688	03
V3571	ISOLATION VALVE	HOT LEG LINE CHECK VALVE LEAK DRAIN	ASCO/NAMCO	S :RFHV2023 031	RB15	665.0 1505.0 30.0	A	H	A	ESF	3.9-10	1689	03
V3572	ISOLATION VALVE	HPSI HOT LEG LINECHECK LEAK DRAIN VALVE	ASCO/NAMCO	S:RFHV2023 031 LS:EA17	RB16	744.0 1500.0 50.0	A	H	A	ESF	3.9-10	1690	03

TAGS INCLUDED: V3540 ----V3572
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG.	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
V3611		SIT DRAIN		BY FIELD		0	A	H	A		1.9A-1	2179	03
						0							
V3611		SIT FILL DRAIN		BY FIELD		0	A	H	A		1.9A-1	2183	03
						0							
V3611		SIT FILL DRAIN		BY FIELD		0	A	H	A		1.9A-1	2184	03
						0							
V3614	MOTOR OPERATED VALVE	SFTY INJECTION TANK 2B2 DISCH VALVE	LIMITORQUE CORPORA	SMB-2/22297 3	RB15	723.0 1458.0 23.0	A	H	A	ESF	3.9-9	1692	03
V3621		SIT FILL DRAIN		BY FIELD		0	A	H	A		1.9A-1	2185	03
						0							
V3621		SIT DRAIN		BY FIELD		0	A	H	A		1.9A-1	2180	03
						0							
V3624	MOTOR OPERATED VALVE	SFTY INJECTION ON TANK 2A1 DISCH VALVE	LIMITORQUE CORPORA	SMB-2/22297 1	RB15	743.0 1505.0 20.0	A	H	A	ESF	3.9-9	1695	03
V3631		SIT DRAIN		BY FIELD		0	A	H	A		1.9A-1	2181	03
						0							
V3631		SIT FILL DRAIN		BY FIELD		0	A	H	A		1.9A-1	2186	03
						0							
V3634	MOTOR OPERATED VALVE	SFTY INJECTION TANK 2B1 DISCH VALVE	LIMITORQUE CORPORA	SMB-2/22970	RB15	640.0 1522.0 21.0	A	H	A	ESF	3.9-9	1697	03
V3641		SIT DRAIN		BY FIELD		0	A	H	A		1.9A-1	2182	03
						0							
V3644	MOTOR OPERATED VALVE	SFTY INJECTION TANK 2A2 DISCH VALVE	LIMITORQUE CORPORA	SMB-2/22297 2	RB15	641.0 1466.0 23.0	A	H	A	ESF	3.9-9	1700	03

TAGS INCLUDED: V3611 ----V3644

SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X.Y.Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
V3651	MOTOR OPERATED VALVE	SDC ISOL VALVE	LIMITORQUE CORPORA	SMB-1/23024 6	RB15	663.0 1491.0 30.0	A	H	A	 ESF	3.9-9	1702	03
V3652	MOTOR OPERATED VALVE	SDC ISOL VALVE	LIMITORQUE CORPORA	SMB-1/23023 9	RB15	667.0 1497.0 34.0	A	H	A	 ESF	3.9-9	1704	03
V3654	MOTOR OPERATED VALVE	LTR	LIMITORQUE CORPORA	SB-0 S/N 220	AB24	556.0 1505.0 -1.0	D	H	A	 ESF	3.9-9	1706	03
V3654 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M	AB24	569.0 1506.0 -1.0	D	H	B	RPS ESF	3.112	1707	03
V3656	MOTOR OPERATED VALVE	LATER	LIMITORQUE CORPORA	SB-0/255148	AB24	580.0 1505.0 -1.0	D	H	A	 ESF	3.9-9	1708	03
V3656 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M	AB24	585.0 1502.0 5.0	D	H	B	RPS ESF	3.112	1709	03
V3658	MOTOR OPERATED VALVE	SDC HX ISOL	LIMITORQUE CORPORA	SB-0/224145	AB24	556.0 1468.0 -1.0	D	H	A	 ESF	3.9-9	1710	03
V3658 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C9-3A	AB24	558.0 1463.0 5.0	D	H	B	RPS ESF	3.112	1711	03
V3659	MOTOR OPERATED VALVES	SI PUMP RECIRCULATION CLOSE (RAS)	LIMITORQUE CORP	SMB-00/4130 3	AB24	573.0 1513.0 -1.0	D	H	A	 ESF	3.9-10	1712	03
V3659 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C8-5	AB24	584.0 1501.0 5.0	D	H	B	RPS ESF	3.112	1713	03
V3660	MOTOR OPERATED VALVES	SI PUMP RECIRCULATION CLOSE (RAS)	LIMITORQUE CORP	SMB-00	AB24	552.0 1538.0 -1.0	D	H	A	 ESF	3.9-10	1714	03
V3660 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C9-1E	AB24	554.0 1539.0 5.0	D	H	B	RPS ESF	3.112	1715	03

TAGS INCLUDED: V3651 ----V3660 SS
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
V3664	MOTOR OPERATED VALVES	SDC ISOL VALVE	LIMITORQUE CORP	SB-0	AB25	590.0 1522.0 20.0	D	H	A	ESF	3.9-10	1716	03
V3664 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C9-3B	AB25	587.0 1495.0 20.0	D	H	B	RPS ESF	3.112	1717	03
V3665	MOTOR OPERATED VALVES	SDC ISOL VALVE	LIMITORQUE CORP	SB-0/267838	AB25	603.0 1517.0 20.0	D	H	A	ESF	3.9-10	1718	03
V3665 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C9-3B	AB25	587.0 1509.0 20.0	D	H	B	RPS ESF	3.112	1719	03
ZI-3301	POS. IND CNTRL	POS IND.	SIGMA	1136	AB26	THE CONTROL ROOM	C		D	ESF SD PAM	CE-ML	1765	01

SYSTEM # & NAME: 04-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FP P 2A		LATER		BY FIELD	FH20	659.0 1598.0 20.0	F	M	D		3.112	0566	01
FP P 2B		LATER		BY FIELD	FH20	651.0 1598.0 20.0	F	M	D		3.112	0568	01
LS-4421	LEVEL SWITCH	LATER		BY FIELD	FH21	748.0 1587.0 50.0	F	M	D		7.5-	0902	01

SYSTEM # & NAME: 05-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
H2 RMB 2A PP	H2 RECOMB. POWER PNL	POWER PANEL FOR HYDROGEN RECOMBINER		BY FIELD.	AB25	593.0 1462.0 25.0	E	M	D		MRL	1943	02
H2 RMB 2B CP	H2 RECOMB CONTROL PNL	LATER		BY FIELD	AB28	593.0 1420.0 62.0	E	M	D			1945	02
H2 RMB 2B PP	H2 RECOMB POWER PNL	LATER		BY FIELD	AB25	593.0 1443.0 25.0	E	M	D			1946	02
H2 RMB 2A CP	H2 RECOMB CONTROL PNL	CONTROL PANEL FOR HYDROGEN RECOMBINER	WESTINGHOUSE	MODEL B	AB28	593.0 1422.0 62.0	E	M	D	ESF	MRL	1942	02
SE-05-1A	SOLENOID VALVE	CONTAINMENT ISOLATION	TARGET ROCK	78E-009 S/N 1	RB16	617 1505 27.0	A	H	A	ESF	7.3-2	0004	03
SE-05-1B	SOLENOID VALVE	CONTAINMENT ISOLATION	TARGET ROCK	78E009 S/N 4	RB16	617 1504 27.0	A	H	A	ESF	7.3-2	0005	03
SE-05-1C	SOLENOID VALVE	CONTAINMENT ISOLATION	TARGET ROCK	78E009 S/N 3	RB16	617 1503 27.0	A	H	A	ESF	7.3-2	0006	03
SE-05-1D	SOLENOID VALVE	CONTAINMENT ISOLATION	TARGET ROCK	77CC001	RB16	617 1501 27.0	A	H	A	ESF	7.3-2	0007	03
SE-05-1E	SOLENOID VALVE	CONTAINMENT ISOLATION	TARGET ROCK	77CC001	RB16	617. 1501. 27.0	A	H	A	ESF	7.3-2	0008	03
V5200 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	AB27	541.0 1462.0 43.0	E	M	D	RPS ESF	3.112	1720	02
V5203 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C9-9	AB25	587.0 1521.0 20.0	D	H	B	RPS ESF	3.112	1723	03
V5204 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C9-9	AB25	587.0 1521.0 20.0	D	H	B	RPS ESF	3.112	1724	03

TAGS INCLUDED: H2 RMB 2A PP ----V5204 SS
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 05-SAMPLING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
V5205 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C9-9	AB25	587.0 1521.0 20.0	D H	B	RPS ESF	3.112	1725	03

SYSTEM # & NAME: 06-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
CCW P 2A	PUMP MOTOR	COMPONENT COOLING WATER PUMP 2A	GENERAL ELECTRIC	SK828840C81	CC02	682.0 1698.0 12.0	H M	D		7.3-2	0174	01
LS-06-1A	LEVEL SWITCH	ECCS SAFEGUARD RM-A SUMP PUMP	MAGNETROL	A103F-EP/VP X-Y SIMD4DC	AB24	596.0 1465.0 -1.0	D H	A	ESF	7.5-3	0874	03
LS-06-1B	LEVEL SWITCH	ECCS SAFEGUARD RM-B SUMP PUMP	MAGNETROL	A103F-EP/VP X-Y SIMD4DC	AB24	547.0 1536.0 -1.0	D H	A	ESF	7.5-3	0875	03
LS-06-40(206.A.HH)	LEVEL SWITCH	LATER		BY FIELD	AB24	596.0 1466.0 -1.0	D H	C		7.5-3	0876	02
LS-06-41(206.A.HH)	LEVEL SWITCH	LATER		BY FIELD	AB24	546.0 1536.0 -1.0	D H	C		7.5-3	0877	02
V6718(F.C)		LATER		BY FIELD	RB15	621.0 1522.0 29.0	A H	A			2129	03
V6750(F.C)		LATER		BY FIELD	AB25	601.0 1528.0 20.0	D H	A			2130	03

SYSTEM # & NAME: 07-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
IRS HDRZN P 2A		LATER	RELIANCE ELECTRIC	14F882872A2 XF	AB24	546.0 1400.0 5.0	E	M	D		7.3-2	0810	01
IRS HDRZN P 2B		LATER	RELIANCE ELECTRIC	14F882872A2 XF	AB24	540.0 1400.0 5.0	E	M	D		7.3-2	0812	01
LS-07-7A	LEVEL SWITCH	LATER		BY FIELD					D		7.5-	0881	01
LS-07-7B	LEVEL SWITCH	LATER		BY FIELD					D		7.5-	0882	01
LS-07-7C	LEVEL SWITCH	LATER		BY FIELD					D		7.5-	0883	01
PR-07-5B	FLOW RECORDING	CONT. SUMP PRESS	WESTINGHOUSE	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	PAM	7.5-1	1272	02
PY-07-2A-1	PRESS DIFF R'TL CONVER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1350	02
PY-07-2A-2	PRESS DIFF R'TL CONVER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1351	02
PY-07-2B	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	1352	02
PY-07-2B-1	PRESS DIFF R'TL CONVER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1353	02
PY-07-2B-2	PRESS DIFF R'TL CONVER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1354	02
PY-07-2C	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	1355	02

TAGS INCLUDED: IRS HDRZN P 2A ----PY-07-2C
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 07-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PY-07-2C-1	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INS TRUMENT COM	2A0-V21					D		CE-ML	1356	02
PY-07-2C-2	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INS TRUMENT COM	2A0-V21					D		CE-ML	1357	02
PY-07-2D	FLOW CONVER TER	LATER	FOXBORO INS TRUMENT COM	2AI-12V					D		CE-ML	1358	02
PY-07-2D-1	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INS TRUMENT COM	2A0-V21					D		CE-ML	1359	02
PY-07-2D-2	PRESS DIFFE R'TL CONVER	LATER	FOXBORO INS TRUMENT COM	2A0-V21					D		CE-ML	1360	02
TI-07-3A/5A	DUAL TEMP INDICATOR	CONTAINMENT/PU MP TEMPERATURE	SIGMA	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	PAM	7.5-1	1550	01
TY-07-3B-1	PRESSURE CO NVERTER	LATER	FOXBORO INS TRUMENT COM	2A0-V21					D		CE-ML	1593	02
CSP 2A	PUMP MOTOR	CONTAINMENT HEAT REMVL	SIEMENS-ALL IS	EL85117-903 01-1	AB24	580.0 1492.0 -1.0	D	H	A	ESF	LPG	0342	03
CSP 2A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C8-5	AB24	584.0 1501.0 5.0	D	H	B	RPS ESF	3.112	0343	03
CSP 2B	PUMP MOTOR	CONTAINMENT HEAT REMVL	SIEMENS-ALL IS	EL85117-903 01-1	AB24	555.0 1492.0 -1.0	D	H	A	ESF	LPG	0344	03
CSP 2B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M C10-4B	AB24	569.0 1500.0 7.0	D	H	B	RPS ESF	3.112	0345	03
FCV-07-1A	CONTROL VAL VE	CONT ISOL.	ASCO/NAMCO	S:NP831664E LS:EA18	AB25	608.0 1527.0 20.0	D	H	A		JMG	2023	03

TAGS INCLUDED: PY-07-2C-1 ----FCV-07-1A
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 07-CONTAINMENT SPRAY

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FF-07-1A1(206)	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	50ES3000		CONTROL ROOM *	C	M	D		MRL	0476	01
FF-07-1A2(206)	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	BY FIELD	AB 26	CONTROL ROOM *	C	M	D		MRL	0477	01
FF-07-1B1(206)	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	50ES3000		CONTROL ROOM *	C	M	D		MRL	0478	01
FF-07-2-2(206)	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	BY FIELD	AB26	CONTROL ROOM	C	M	D		MRL	0479	01
FF-07-2I(206)	FLOW SUMMER IZER	LATER		BY FIELD	AB26	CONTROL ROOM	C	M	D		MRL	0480	01
FI-07-1A(206)	FLOW INDICA TING CONTR	CONTAINMENT SP RAY HDR A FLOW	SIGMA	9262X	AB26	581.0 1403.0 62.0	E	M	D	ESF	7.5-1	0511	01
FI-07-1B(206)	FLOW INDICA TING CONTR	C.S. HDR. B WT R	SIGMA	9262X	AB26	581.0 1403.0 62.0	E	M	D	ESF	7.5-1	0512	01
FI-07-2(206)	FLOW INDICA TING CONTR	HYDRAZINE SPRA Y FLOW	SIGMA	9262X	AB26	581.0 * 1403.0 * 62.0	E	M	D	ESF PAM	7.5-1	0513	01
FR-07-1A(206)	FLOW RECORD ING	CONTAINMENT SP RAY FLOW	WESTINGHOUS E	75RE	AB26	581.0 1403.0 62.0	E	M	D	ESF PAM	7.5-1	0570	01
FR-07-1B(206)	FLOW RECORD ING	CONTAINMENT SP RAY FLOW	WESTINGHOUS E	755RE	AB26	581.0 1403.0 62.0	E	M	D	ESF PAM	7.5-1	0571	01
FT-07-1A1	PRESSURE TR ANSMITTER	CONT. SPRAY FLOW FLUID-BORATED	ROSEMOUNT	1153DB5-SH2	AB24	550.0 1439.0 -1.0	E	M	D		7.3-	0628	01
FT-07-1A2	PRESSURE TR ANSMITTER	CONT SPRAY FLOW	ROSEMOUNT	1153DB5-SH2	AB24	550.0 1417.0 -1.0	E	M	D		7.3-	0629	01

TAGS INCLUDED: FF-07-1A1(206) ----FT-07-1A2
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 07-CONTAINMENT SPRAY

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FT-07-1B1	PRESSURE TRANSMITTER	CONT SPRAY FLOW	ROSEMOUNT	1153DB5-SH2	AB24	550.0 1417.0 -1.0	E	M	D		7.3-	0630	01
FT-07-1B2	PRESSURE TRANSMITTER	LATER FLOW FOR SHDN	ROSEMOUNT	1153DB5-SH2	AB24	550.0 1439.0 -1.0	E	M	D		7.3-	0631	01
FT-07-2-1	PRESSURE TRANSMITTER	HYDRAZINE SPRAY FLOW	ROSEMOUNT	1153DB4	AB24	554.0 1389.0 6.0	E	M	D		7.3-	0632	01
FT-07-2-1	PRESSURE TRANSMITTER	HYDRAZINE SPRAY FLOW	ROSEMOUNT	1153DBF	AB24	554.0 1389.0 6.0	E	M	D		7.3-	0002	01
FT-07-2-2	PRESSURE TRANSMITTER	HYDRAZINE SPRAY FLOW	ROSEMOUNT	1153DB4	AB24	549.0 1389.0 6.0	E	M	D		7.3-	0633	01
LCV-07-11A	CONTROL VALVE	ISOLATION VALVES	ASCO/NAMCO	S:NP8321A1E LS:EA18	RB15	619.0 1517.0 26.0	A	H	A	ESF	7.3-2	0851	03
LCV-07-11A	CONTROL VALVE	LATER	ASCO/NAMCO	BY FIELD	RB15				A		3.9-10	0047	03
LCV-07-11B	CONTROL VALVE	LATER	ASCO/NAMCO	BY FIELD	RB15				A		3.9-10	0048	03
LCV-07-11B	CONTROL VALVE	ISOLATION VALVES	ASCO/NAMCO	LS:EA180213 02 S:NP832	AB25	596.0 1520.0 20.0	D	H	A		7.3-2	0852	03
LE-07-13A	LEVEL TRANSMITTER	CONTAINMENT LEVEL WIDE RANGE	FLUID COMPONENT INC	BY FIELD		667.0 1512.0 18.0	A	H	A		<1	2118	03
LE-07-13B	LEVEL TRANSMITTER	CONTAINMENT LEVEL WIDE RANGE	FLUID COMPONENT INC	BY FIELD		667.0 1516.0 18.0	A	H	A		<1	2119	03
LE-07-14A	LEVEL TRANSMITTER	CONTAINMENT LEVEL NARROW RANGE	FLUID COMPONENT INC	BY FIELD		667.0 1512.0 18.0	A	H	A		<1	2117	03

TAGS INCLUDED: FT-07-1B1 ----LE-07-14A
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 07-CONTAINMENT SPRAY

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
LIS-07-2A(206)	LEVEL INDIC ATG SWITCH	REFUELING WATE R TANK LEVEL	SIGMA	9262X		********* ********* ******			D	ESF	7.5-1	0859	01
LIS-07-2B(206)	LEVEL INDIC ATG SWITCH	REFUELING WATE R TANK LEVEL	SIGMA	9262X		********* ********* ******			D	ESF	7.5-1	0860	01
LIS-07-2C(206)	LEVEL INDIC ATG SWITCH	RUT WATER LEVE L	SIGMA	9262X		********* ********* ******			D	ESF	7.5-1	0861	01
LIS-07-2D(206)	LEVEL INDIC ATG SWITCH	RUT WATER LEVE L	SIGMA	9262X		********* ********* ******			D	ESF	7.5-1	0862	01
LIS-07-9(206,A.L,LL)	FLOW INDICA TG SWITCH	HYDRAZINE TANK LEVEL		9262		********* ********* ******			D	ESF PAM	7.5-1	0863	01
LR-07-2D(206)	LEVEL RECOR DING	REFUELING WATE R TANK LEVEL	WESTINGHOUS E	75RE	AB26	581.0 1403.0 62.0	E	M	D	PAM	7.5-1	0869	01
LS-07-10A	LEVEL SWITCH	HYDRAZINE TANK LEVEL	MAGNETROL	291-X-EP/VP XM14DC	AB24	548.0 1395.0 6.0	E	M	D	MRL		0878	01
LS-07-10B	LEVEL SWITC H	HYDRAZINE TANK LEVEL	MAGNETROL	291-X-EP/VP XM14DC	AB24	539.0 1395.0 6.0	E	M	D	MRL		0879	01
LS-07-12(205,A,H)	LEVEL SWITC H	LEAK DETECTION CONT SUMP	HOLD	BY FIELD	RB15	716.0 1454.0 18.0	A	H	C		7.5-	0880	02
LT-07-2A	PRESSURE TR ANSMITTER	REFUELING WATE R LEVEL	ROSEMOUNT	1153DB5-SH1	RW03	594.0 1678.0 20.0	J	M	D		7.3-2	0903	01
LT-07-2B	PRESSURE TR ANSMITTER	REFUELING WATE R LEVEL	ROSEMOUNT	1153DB5-SH1	RW03	580.0 1678.0 20.0	J	M	D		7.3-2	0904	01
LT-07-2C	PRESSURE TR ANSMITTER	REFUELING WATE R LEVEL	ROSEMOUNT	1153DB5-SH1	RW03	592.0 1678.0 20.0	J	M	D		7.3-2	0905	01

TAGS INCLUDED: LIS-07-2A(206) ----LT-07-2C
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 07-CONTAINMENT SPRAY

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
LT-07-2D	PRESSURE TRANSMITTER	REFUELING WATER LEVEL	ROSEMOUNT	1153DB	RW03	577.0 1678.0 20.0	J	M	D		7.3-2	0906	01
LT-07-9	PRESSURE TRANSMITTER	HYDRAZINE STORAGE TANK	ROSEMOUNT	1153DB4	AB24	551.0 1389.0 6.0	E	M	D		7.3-2	0907	01
MV-07-1A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	RW03	563.0 1675.0 22.0	J	M	D	SD	3.112	1017	02
MV-07-1A(RAS)	MOV GATE VA	RWT ISOL CLOSE(RAS)	LIMITORQUE CORP	LO-SMB-000-5	RW03	572.0 1692.0 24.0	J	M	D		3.9-10	1016	01
MV-07-1B(RAS)	MOV GATE VA	RWT ISOL CLOSE(RAS)	LIMITORQUE CORP	LO-SMB-000-5	RW03	560.0 1696.0 24.0	J	M	D		3.9-10	1018	01
MV-07-2A	MOTOR OPERATED VALVES	SUMP ISOL OPEN(RAS)	LIMITORQUE CORP	LO-SMB-000-10	AB25	605.0 1507.0 20.0	D	H	A	ESF	3.9-10	1019	03
MV-07-2A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-28	AB25	585.0 1516.0 23.0	E	M	B	RPS ESF	3.112	1020	03
MV-07-2B	MOTOR OPERATED VALVES	SUMP ISOL OPEN(RAS)	LIMITORQUE CORP	LO-SMB-000-10	AB25	605.0 1492.0 20.0	D	H	A	ESF	3.9-10	1021	03
MV-07-3	MOV	LATER	LIMITORQUE	BY FIELD		.			D		MRL<	1812	02
MV-07-4		LATER	LIMITORQUE	BY FIELD	.....	.....			D		MRL	1813	02
PIS-07-2A(206.A(206).H)	LEVEL INDICATG SWITCH	CONTAINMENT PRESSURE	SIGMA	9262X		******** ******** ******			D	RPS ESF	7.5-1	1241	01
PIS-07-2B(206.A(206).H)	LEVEL INDICATG SWITCH	CONTAINMENT PRESSURE	SIGMA	9262X		******** ******** ******			D	RPS ESF	7.5-1	1242	01

TAGS INCLUDED: LT-07-2D ----PIS-07-2B(206.A

SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 07-CONTAINMENT SPRAY

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PIS-07-2C(206,A (206),H)	LEVEL INDIC ATG SWITCH	CONTAINMENT PR ESSURE	SIGMA.	9262X		********* ********* ******			D	RPS ESF	7.5-1	1243	01
PIS-07-2D(206,A (206),H)	LEVEL INDIC ATG SWITCH	CONT. PRESSURE	SIGMA	9262X		********* ********* ******			D	RPS ESF	7.5-1	1244	01
PIS-07-3A (206)	PRESSURE IN DICATG SWIT	CONTAINMENT SP RAY HDR A PRES SURE	SIGMA	BY FIELD		********* ********* ******			D	ESF	7.5-1	1245	01
PIS-07-3B (206)	PRESSURE IN DICATG SWIT	CONTAINMENT SP RAY HDR B PRES SURE	SIGMA	BY FIELD		********* ********* ******			D	ESF	7.5-1	1246	01
PR-07-4B	FLOW RECORD ING	CONTAINMENT/SU MP PRESSURE	WESTINGHOUS E	BY FIELD	AB26	581.0 1403.0 62.0	E	M	D	PAM	7.5-1	1271	02
PT-07-2A	PRESSURE TRANSMI	CONTAINMENT PRESSURE FLUID-AIR(100%	ROSEMOUNT	1153DB5 SEE NOT	AB25	610.0 1480.0 20.0	E	H	A	RPS ESF	7.3-2	1306	03
PT-07-2B	PRESSURE TRANSMI	CONTAINMENT PRESSURE FLUID-AIR(100%	ROSEMOUNT	1153DB5 SEE NOT	AB25	610.0 1480.0 20.0	E	H	A	RPS ESF	7.3-2	1307	03
PT-07-2C	PRESSURE TRANSMI	CONTAINMENT PRESSURE FLUID-AIR(100%	ROSEMOUNT	1153DB5 SEE NOT	AB25	610.0 1480.0 20.0	E	H	A	RPS ESF	7.3-2	1308	03
PT-07-2D	PRESSURE TRANSMI	CONTAINMENT PRESSURE FLUID-AIR(100%	ROSEMOUNT	1153DB5 SEE NOT	AB25	610.0 0 1480.00 20.0	E	H	A	RPS ESF	7.3-2	1309	03
PY-07-2A	PRESS CNVER TER	SIGNAL CNVRSN	FOXBORO INS TRUMENT COM	2AI-12V	AB26	THE CONTROL ROOM	C		D	CE-ML		1349	02
SE-07-3A(.EO.CS AS'A')	VALVE	HYDRZNE ISOL OPEN(CSAS)	TARGET ROCK CORPORA	77CC001	AB24	544.0 1401.0 6.0	E	M	D	ESF	7.3-2	1445	01
SE-07-3B(.F.O.. CSAS'B')	VALVE	HYDRZNE ISOL OPEN(CSAS)	TARGET ROCK CORPORA	77CC001	AB24	536.0 1401.0 6.0	E	M	D	ESF	7.3-2	1446	01

TAGS INCLUDED: PIS-07-2C(206,A----SR-07-1C
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 07-CONTAINMENT SPRAY

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
TE-07-3A	TEMPERATURE ELEMENT	CONTAINMENT TEMPERATURE	RDF CORP	BY FIELD	RB17	755.0 : 0 70.0	A	H	A			2110	03
TE-07-3B	TEMPERATURE ELEMENT	CONTAINMENT TEMPERATURE	RDF CORP	BY FIELD	AB2	619.0 : 0 70.0	A	H	A			2111	03
TE-07-5A	TEMPERATURE ELEMENT	CONTAINMENT TEMPERATURE	RDF CORP	BY FIELD	AB24	595.0 : 0 1.0	E	H	A			2112	03
TE-07-5B	TEMPERATURE ELEMENT	CONTAINMENT TEMPERATURE	RDF CORP	BY FIELD	AB24	599.0 : 0 1.0	E	H	A			2113	03
TR-07-3B/5B	TEMPERATURE RECORDING	CONT. TEMP	WESTINGHSE	75RE	AB26	581.0 1403.0 62.0	E	M	D	PAM	7.5-1	1563	02
TY-07-3B	TEMPERATURE CONVERTER	LATER		BY FIELD					D		CE-ML	1592	02
TY-07-5B	TEMPERATURE CONVERTER	LATER	FOXBORO INS TRUMENT COM	2AI-P2V		******** ******** ******			D		CE-ML	1594	01
TY-07-5B-1	PRESSURE CONVERTER	LATER	FOXBORO INS TRUMENT COM	2AO-V21					D		CE-ML	1595	02
LT-07-13A	LEVEL TRANSMITTER	CONTAINMENT LEVEL WIDE RANGE	FLUID COMPO NENT INC	8-66		519.0 1479.0 25.0	E	M	A		<	2120	03
LT-07-13B	LEVEL TRANSMITTER	CONTAINMENT LEVEL WIDE RANGE	FLUID. COMPO NENT INC	8-66		519.0 1474.0 25.0	E	M	A		<	2121	03
LT-07-14A	LEVEL TRANSMITTER	CONTAINMENT LEVEL NARROW RANGE	FLUID COMPO NENT INC	8-66		519.0 1472.0 25.0	E	M	A		<	2122	03

SYSTEM # & NAME: 08-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PI-8023A	PRESSURE INDICATING C	STEAM GENERATOR 2B PRESSURE	SIGMA	9262-00-E	AB26	581.0 1403.0 62.0	E	M	D	RPS ESF	7.5-1	1221	02
PI-8023B	PRESSURE INDICATING C	STEAM GENERATOR 2A PRESSURE	SIGMA	9262-00-E	AB26	581.0 1403.0 62.0	E	M	D	RPS ESF	7.5-1	1222	02
PI-8023C	PRESSURE INDICATING C	S.G. #2B PRESS	SIGMA	9262-00-E	AB26	581.0 1403.0 62.0	E	M	D	RPS ESF	7.5-1	1223	02
PI-8023D	PRESSURE INDICATING C	S.G. #2B PRESS	SIGMA	9262-00-E	AB26	581.0 1403.0 62.0	E	M	D	RPS ESF	7.5-1	1224	02
PI-8113	PRESS DIFFER'TL INDICA	STEAM GEN ZA		BY FIELD	AB27	519.0 1391.0 43.0	E	M	D	SD	7.5-1	1225	02
PI-8123	PRESS DIFFER'TL INDICA	STEAM GEN 2B		BY FIELD	AB27	519.0 1391.0 43.0	E	M	D	AUXSUP	7.5-1	1226	02
PR-8023D	FLOW RECORDING	STEAM GENERATOR 2A/2B PRESSURE	FOXBORO INSTRUMENT COM	M/226-01,02	AB26	581.0 1403.0 62.0	E	M	D	PAM	7.5-1	1284	02
PY-8013A-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1397	02
PY-8013A-2	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1398	02
PY-8013B	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V	AB26	581.0 1403.0 62.0	E	M	D		CE-ML	1399	02
PY-8013B-1	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1400	02
PY-8013B-2	PRESSURE CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1401	02

TAGS INCLUDED: PI-8023A ----PY-8013B-2
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 08-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PY-8013C	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V	AB26	581.0 1403.0 62.0	E	M	D		CE-ML	1402	02
PY-8013C-1	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1403	02
PY-8013C-2	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1404	02
PY-8013D	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V	AB26	581.0 1403.0 62.0	E	M	D		CE-ML	1405	02
PY-8013D-1	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1406	02
PY-8013D-2	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1407	02
PY-8023A	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V	AB26	581.0 1403.0 62.0	E	M	D		CE-ML	1408	02
PY-8023A-1	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1409	02
PY-8023A-2	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1410	02
PY-8023B	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V	AB26	581.0 1403.0 62.0	E	M	D		CE-ML	1411	02
PY-8023B-1	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1412	02
PY-8023B-2	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	1413	02

TAGS INCLUDED: PY-8013C ----PY-8023B-2
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 08-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PY-8023C	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V	AB26	581.0 1403.0 62.0	E M	D		CE-ML	1414	02
PY-8023C-1	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	1415	02
PY-8023C-2	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	1416	02
PY-8023D	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V	AB26	581.0 1403.0 62.0	E M	D		CE-ML	1417	02
PY-8023D-1	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	1418	02
PY-8023D-2	PRESSURE CO INVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	1419	02
PY-8113	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V				D		CE-ML	1420	02
PY-8123	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V				D		CE-ML	1421	02
FT-08-1B(, RUNB. CAL.)	PRESSURE TRANSMITTER	MAIN STM FLOW STM. GEN. 2B FLUID-STM	ROSEMOUNT	1153DB6	RB15	635.0 1475.0 18.0	A H	C			0634	02
HCV-08-1A	ISOLATION VALVE	MSIV CLOSE(MSIS)	ASCO/NAMCO	SEE NOTE 1	TB23	737.0 1389.0 46.0	K H	A	ESF	3.9-10	0742	03
HCV-08-1B	ISOLATION VALVE	MSIV CLOSE(MSIS)	ASCO/NAMCO	SEE NOTE (1) REF-3	TB23	687.0 1381.0 46.0	K H	A	ESF	3.9-10	0743	03
MV-07-2B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M	AB25	581.0 1519.0 20.0	E M	B	RPS ESF	3.112	1022	03

TAGS INCLUDED: PY-8023C ----MV-07-2B PB
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 08-MAIN STEAM

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
MV-08-1A	MOTOR OPERATED VALVES	MSIV BYPASS	LIMITORQUE CORP	AK021	TB23	734.0 1391.0 46.0	K	H	A	ESF	3.9-10	1023	03
MV-08-1A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-2B	TB23	739.0 1393.0 45.0	K	H	B	RPS ESF	3.112	1024	03
MV-08-1B	MOTOR OPERATED VALVES	MSIV BYPASS	LIMITORQUE CORP	P	TB23	690.0 1383.0 46.0	K	H	A	ESF	3.9-10	1025	03
MV-08-1B PB	LOCAL CONTROL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-2B	TB23	685.0 1385.0 45.0	K	H	B	RPS ESF	MRL	1026	03
MV-08-12	MOTOR OPERATED VALVE	AUX TURB. SPLY OPEN(M)	LIMITORQUE CORPORA	LO-SMB-000 S/N 279	TB23	690.0 1413.0 28.0	K	H	A	ESF	3.9-10	1027	03
MV-08-12 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-2B	TB23	689.0 1413.0 25.0	K	H	B	RPS ESF	3.112	1028	03
MV-08-13	MOTOR OPERATED VALVE	AUX TURB. SPLY OPEN(M)	LIMITORQUE CORPORA	LO-SMB-000 B/M-C10	TB23	725.0 1416.0 28.0	K	H	A	ESF	3.9-10	1029	03
MV-08-13 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-2B	TB23	727.0 1419.0 25.0	K	H	B	RPS ESF	3.112	1030	03
MV-08-14	MOTOR OPERATED VALVE(D	ADV BLOCK CLOSE(M)	LIMITORQUE CORPORA	LO-SMB-0-25	TB23	721.0 1415.0 48.0	K	H	A	ESF	3.9-10	1031	03
MV-08-14 SEL SW	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C9-1E	TB23	711.0 1411.0 45.0	K	H	B	RPS ESF	3.112	1032	03
MV-08-14 STR	AC/DC LOCAL STARTER	CLASS 1E SAFETY CLASS. LCL STRS FOR	BROWN-BOVERI ELECTRI	BY FIELD	TB23	710.0 1412.0 45.0	K	H	B	ESF	MRL	1033	03
MV-08-15	MOTOR OPERATED VALVE(D	ADV BLOCK CLOSE(M) ATMOS DUMP	LIMITORQUE CORPORA	LO-SMB-0-25	TB23	716.0 1413.0 48.0	K	H	A	ESF	3.9-10	1034	03

TAGS INCLUDED: MV-08-1A ----MV-08-15
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 08-MAIN STEAM

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
MV-08-15 SEL SW	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M	TB23	713.0 1404.0 45.0	K	H	B	RPS ESF	3.112	1035	03
MV-08-15 STR	AC/DC LOCAL STARTER	CLASS 1E SAFETY CLASS. LCL STRS FOR	BROWN-BOVERI ELECTRI	BY FIELD	TB23	712.0 1406.0 45.0	K	H	B	ESF	MRL	1036	03
MV-08-16	MOTOR OPERATED VALVE(D	ADV BLOCK CLOSE(M)	LIMITORQUE CORPORA	DK56H/MJ205 54	TB23	690.0 1408.0 48.0	K	H	A	ESF	3.9-10	1037	03
MV-08-16 SEL SW	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C9-1E	TB23	680.0 1413.0 45.0	K	H	B	RPS ESF	3.112	1038	03
MV-08-17	MOTOR OPERATED VALVE(D	ADV BLOCK CLOSE(M)	LIMITORQUE CORPORA	DK56H/NJ205 53	TB23	694.0 1408.0 48.0	K	H	A	ESF	3.9-10	1039	03
MV-08-17 SEL SW	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-1E	TB23	686.0 1413.0 45.0	K	H	B	RPS ESF	3.112	1040	03
MV-08-18A	MOTOR OPERATED VALVE	ADV OPEN(M)	LIMITORQUE CORPORA	LO-SMB-0-15 / 339982	TB23	724.0 1416.0 48.0	K	H	A	ESF	3.9-10	1041	03
MV-08-18B	MOTOR OPERATED VALVE	ADV OPEN(M)	LIMITORQUE CORPORA	LO-SMB-0-15 / 3399-79	TB23	685.0 1408.0 48.0	K	H	A	ESF	3.9-10	1042	03
MV-08-19A	MOTOR OPERATED VALVE	ADV OPEN(M)	LIMITORQUE CORPORA	LO-SMB-0-15 / 33998	TB23	713.0 1412.0 48.0	K	H	A	ESF	3.9-10	1043	03
MV-08-19A STR	AC/DC LOCAL STARTER	CLASS 1E SAFETY CLASS. LCL STRS FOR	BROWN-BOVERI ELECTRI	BY FIELD B/M C3-	TB23	712.0 1407.0 45.0	K	H	B	ESF	MRL	1044	03
MV-08-19B	MOTOR OPERATED VALVE	ADV OPEN(M)	LIMITORQUE CORPORA	LO-SMB-0-15 / 255-89-	TB23	698.0 1408.0 48.0	K	H	A	ESF	3.9-10	1045	03
MV-08-19B STR	AC/DC LOCAL STARTER	CLASS 1E SAFETY CLASS. LCL STRS FOR	BROWN-BOVERI ELECTRI	BY FIELD	TB23	674.0 0 1387.00 45.0	K	H	B	ESF	MRL	1046	03

TAGS INCLUDED: MV-08-15 SEL SW----MV-08-19B STR
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 08-MAIN STEAM

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
MV-08-3	MOTOR OPERATED VALVE	AUX TURB. STOP OPEN(M)	LIMITORQUE CORPORA	LO-SMB-000	TB23		K H	A	ESF	3.9-10	1047	03
PI-08-5	PRESSURE INDICATING C	STEAM PRESSURE TO AUX FEED PUMP 2C	SIGMA	BY FIELD	AB26	555.0 1427.0 62.0	E M	D	SD	7.5-1	1197	01
PIC-08-1A(202)	PRESSURE INDICATING C	STEAM GENERATOR 2A ATMOS STEAM DUMP	FISCHER & PORTER	53EG3311	AB26	563.0 1427.0 62.0	E M	D	SD	7.5-1	1235	01
PIC-08-1B(202)	PRESSURE INDICATING C	STEAM GENERATOR 2B ATMOS STEAM DUMP	FISCHER & PORTER	53EG3311	AB26	563.0 1427.0 62.0	E M	D	SD	7.5-1	1236	01
PR-8013D	FLOW RECORDING	STEAM GENERATOR 2A/2B PRESSURE	FOXBORO INSTRUMENT COM	M/226-01,02	AB26	581.0 1403.0 62.0	E M	D	PAM	7.5-1	1283	02
PS-08-12A	PRESSURE SWITCH	SOL VLV AIR SUPPLY TO HVAC-08-1A	ITT/BARTON	580-1	TB23	737.0 1390.0 46.0	K H	C	ESF	MRL	1285	02
PS-08-12B	PRESSURE SWITCH	SOL VLV AIR SUPPLY TO HVAC-08-1A	ITT/BARTON	580-1	TB23	687.0 1382.0 46.0	K H	C	ESF	MRL	1286	02
PS-08-6	PRESSURE SWITCH	STM-INLET-TO AUX-FEED-PUMP	ITT/BARTON	580-1	TB23	709.0 1418.0 23.0	K H	C	ESF	MRL	1287	02
PT-08-1A	PRESSURE TRANSMI	STM GENERATOR 2A OUTLET PRESSURE	ROSEMOUNT	1153GB9 S/N-386	TB23	693.0 1416.0 23.0	K H	A	RPS ESF	7.3-2	1310	03
PT-08-1B	PRESSURE TRANSMI	STM GENERATOR 2B OUTLET PRESSURE	ROSEMOUNT	1153GB9 S/N 384	TB23	675.0 1416.0 23.0	K H	A	RPS ESF	7.3-2	1311	03
PT-08-3A	PRESSURE TRANSMI	MAIN STEAM PRESS	ROSEMOUNT	1153GB9 S/N-386	TB23	693.0 1416.0 23.0	K H	A	RPS ESF	7.3-2	1312	03
PT-08-3B	PRESSURE TRANSMI	MAIN STEAM PRESS	ROSEMOUNT	1153GB9	TB23	709.0 1418.0 23.0	K H	A	RPS ESF	7.3-2	1313	03

TAGS INCLUDED: MV-08-3 ----PT-08-3B
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 08-MAIN STEAM

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PT-08-5	PRESSURE TRANSMI	STM INLET TO AUX FWP TURBINE	ROSEMOUNT	1153GB9 S/N-386	TB23	709.0 1418.0 23.0	K	H	A	RPS ESF	7.3-2	1314	03
PT-8013A	PRESSURE TRANSMI	STEAM GENERATR PRESS.	ITT BARTON	763 1015	RB16	741.0 1496.0 45.0	A	H	A	ESF	7.3-1	1339	03
PT-8013B	PRESSURE TRANSMI	STEAM GENERATR PRESS.	ITT BARTON	763 1016	RB16	736.0 1477.0 45.0	A	H	A	ESF	7.3-1	1340	03
PT-8013C	PRESSURE TRANSMI	STEAM GENERATR PRESS.	ITT BARTON	763 1017	RB16	740.0 1509.0 45.0	A	H	A	ESF	7.3-1	1341	03
PT-8013D	PRESSURE TRANSMI	STEAM GENERATO R PRESS.	ITT BARTON	763 1018	RB16	737.0 1480.0 45.0	A	H	A	ESF	7.3-1	1342	03
PT-8023A	PRESSURE TRANSMI	STEAM GENERATO R PRESS.	ITT BARTON	763 1019	RB16	633.0 1505.0 48.0	A	H	A	ESF	7.3-1	1343	03
PT-8023B	PRESSURE TRANSMI	STEAM GENERATO R PRESS.	ITT BARTON	763 1020	RB16	634.0 1493.0 45.0	A	H	A	ESF	MRL	1344	03
PT-8023C	PRESSURE TRANSMI	STEAM GENERATO R PRESS.	ITT BARTON	763 1021	RB15	636.0 1537.0 21.0	A	H	A	ESF	7.3-1	1345	03
PT-8023D	PRESSURE TRANSMI	STEAM GENERATO R PRESS.	ITT BARTON	763 1022	RB16	635.0 1513.0 48.0	A	H	A	ESF	7.3-1	1346	03
PT-8113	PRESSURE TRANSMI	STEAM GENERATOR MAIN STEAM	ITT BARTON	763 1014	RB16	739.0 1488.0 45.0	A	H	A	ESF	CE-ML	1347	03
PT-8123	PRESSURE TRANSMI	STEAM GENERATOR MAIN STEAM	ITT BARTON	763	RB17	634.0 1504.0 66:0	A	H	A	ESF	CE-ML	1348	03
PY-8013A	FLOW CONVER TER	LATER	FOXBORO INS TRUMENT COM	2AI-12V	AB26	581.0 1403.0 62.0	E	M	D		CE-ML	1396	02

TAGS INCLUDED: PT-08-5 ----PY-8013A
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 08-MAIN STEAM

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
SE-08-1	SOLENOID VALVE	AUX. TURBINE WARM UP SUPPLY	TARGET ROCK	77CC001 S/N 1	TB23	721.0 1414.0 28.0	K H	A	ESF	7.3-2	1956	03
SE-08-2	SOLONOID VALVE	AUX. TURBINE WARM UP SUPPLY	TARGET ROCK	77CC001	TB23	691.0 1408.0 28.0	K H	A	ESF	7.3-2	1957	03

SYSTEM # & NAME: 09-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FI-09-4A		LATER	I-T-E IMPERIAL	BY FIELD					D		MRL	0517	01
FI-09-4B		LATER	I-T-E IMPERIAL	BY FIELD					D		MRL	0518	01
FI-09-4C	FLOW INDICATING CONTR	LATER	ITT BARTON	BY FIELD					D		MRL	0519	01
FI-09-4D	FLOW INDICATING CONTR	LATER	ITT BARTON	BY FIELD					D		MRL	0520	01
LI-9113	LEVEL INDICATING CONT	STEAM GEN ZA	SIGMA	9262-00-D	AB27	519.0 1391.0 43.0	E	M	D	SD	7.5-1	0855	01
LI-9123	LEVEL INDICATOR	STEAM GEN 2B		BY FIELD	AB27	519.0 1391.0 43.0	E	M	D	AUXSUP	7.5-1	0856	01
LR-9013D	FLOW RECORDING	STEAM GENERATOR 2A/2B LEVEL	FOXBORO INSTRUMENT COM	M/226-01,02	AB26	581.0 1403.0 62.0	E	M	D	PAM	7.5-1	0872	01
LR-9023D	FLOW RECORDING	STEAM GENERATOR 2A/2B LEVEL	FOXBORO INSTRUMENT COM	M/226-01,02	AB26	581.0 1403.0 62.0	E	M	D	PAM	7.5-1	0873	01
LY-9013A-1	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	0928	01
LY-9013B	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	0929	01
LY-9013B-1	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21					D		CE-ML	0930	01
LY-9013C	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	0931	01

TAGS INCLUDED: FI-09-4A ----LY-9013C
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 09-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
LY-9013C-1	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	0932	01
LY-9013D	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V				D		CE-ML	0933	01
LY-9013D-1	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	0934	01
LY-9023A	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V				D		CE-ML	0935	01
LY-9023A-1	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	0936	01
LY-9023B	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V				D		CE-ML	0937	01
LY-9023B-1	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	0938	01
LY-9023C	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V				D		CE-ML	0939	01
LY-9023C-1	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	0940	01
LY-9023D	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V				D		CE-ML	0941	01
LY-9023D-1	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AO-V21				D		CE-ML	0942	01
LY-9113	LVL CONVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	595 1391 62	E M	D		CE-ML	0943	01

TAGS INCLUDED: LY-9013C-1 ----LY-9113
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 09-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
LY-9123	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	0944	01
MCC 2B5-AF (480V REACTOR AREA)	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	527.0 1450.0 43.0	E	M	D	AUXSUP	3.112	0985	01
AUX FWP 2A	PUMP MOTOR	AUXILARY FEED WATER PUMP 2A	GENERAL ELECTRI	5K811043C16 / BR84056	TB23	694.0 1398.0 19.0	K	H	A ESF			0092	03
AUX FWP 2A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-2A	TB23	715.0 1411.0 26.0	K	H	B RPS ESF		3.112	0093	03
AUX FWP 2B	PUMP MOTOR	AUXILARY FEED WATER PUMP 2B	GENERAL ELECTRI	5K811043C16 / BR84056	TB23	676.0 1398.0 19.0	K	H	A ESF			0094	03
AUX FWP 2B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-2A	TB23	680.0 1375.0 26.0	K	H	B RPS ESF		3.112	0095	03
FF-09-2A1(202)	FLOW SUMMERIZER	LATER	FISCHER & PORTER	50ES3212	AB26	563.0 1427.0 62.0	E	M	D		MRL	0481	01
FF-09-2A2(202)	FLOW SUMMERIZER	LATER	FISCHER & PORTER	50ES-3000	AB26	563.0 1427.0 62.0	E	M	D		MRL	0482	01
FF-09-2B1(202)	FLOW SUMMERIZER	LATER	FISCHER & PORTER	50ES3000	AB26	563.0 1427.0 62.0	E	M	D		MRL	0483	01
FF-09-2C1(202)	FLOW SUMMERIZER	LATER	FISCHER & PORTER	50ES3212	AB26	563.0 1427.0 62.0	E	M	D		MRL	0484	01
FF-09-2C2(202)	FLOW SUMMERIZER	LATER	FISCHER & PORTER	50ES-3000	AB26	563.0 1427.0 62.0	E	M	D		MRL	0485	01
FI-09-2A(202)	FLOW INDICATING CONTR	AUX FEEDWATER HDR A FLOW-PRESSURE	SIGMA	9264-00-ED	AB26	563.0 1427.0 62.0	E	M	D	SD PAM	7.5-1	0514	01

TAGS INCLUDED: LY-9123 ----FI-09-2A(202)
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 09-AUXILIARY FEEDWATER

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FI-09-2B(202)	FLOW INDICATING CONTR	AUX FEEDWATER HDR B FLOW-PRESSURE	SIGMA	9264-00-ED	AB26	563.0 1427.0 62.0	E	M	D	SD PAM	7.5-1	0515	01
FI-09-2C(202)	FLOW INDICATING CONTR	AUX FEEDWATER HDR C FLOW-PRESSURE	SIGMA	9264-00-ED	AB26	563.0 1427.0 62.0	E	M	D	SD PAM	7.5-1	0516	01
FR-09-2A(202)	FLOW RECORDING	AUX FEEDWATER HDR A FLOW	WESTINGHSE	75RE	AB26	563.0 * 1427.0 * 62.0	E	M	D	SD PAM	7.5-1	0572	01
FT-09-2A1	FLOW TRANSMITTR	AUX FWP 2A DISCH. FLOW	ROSEMOUNT	1153DB5/ 328260	TB23	693.0 1416.0 23.0	K	H	A		7.3-2	0635	03
FT-09-2A2	FLOW TRANSMITTR	AUX FWP DISCH 2A FLUID CONDENSATE	ROSEMOUNT	1153DB5/ 370852	TB23	675.0 1416.0 23.0	K	H	A		7.3-2	0636	03
FT-09-2B1	FLOW TRANSMITR.	AUX FWP 2B DISCH.FLOW	ROSEMOUNT	1153DB5/ 328259	TB23	675.0 1416.0 23.0	K	H	A		7.3-2	0637	03
FT-09-2B2	FLOW TRANSMITR.	AUX FWP 2B	ROSEMOUNT	1153DB5/ 370851	TB23	693.0 1416.0 23.0	K	H	A		7.3-2	0638	03
FT-09-2C1	FLOW TRANSMITR.	AUX FWP 2C DISCHARGE FLOW	ROSEMOUNT	1153DB5/ 328258	TB23	709.0 1418.0 23.0	K	H	A		7.3-2	0639	03
FT-09-2C2	FLOW TRANSMITR.	AUX FWP 2C DISCHARGE	ROSEMOUNT	1153DB5/ 370850	TB23	693.0 1416.0 23.0	K	H	A		7.3-2	0640	03
HCV-09-1A	CONTROL VALVE (ACTUAT	MFIV CLOSE(MSIS)	ANCHOR/DARLING COMPANY	BY FIELD SERIES/	TB23	739.0 1416.0 45.0	K	H	A	ESF	3.9-10	0744	03
HCV-09-1A REL PNL	INTERLOCKING RELAYS	INTERLOCKING RLAYS FOR MSIS ISOLATION	SEE SUBCOMP	SEE SUBCOMP	TB23	740.0 1414.0 45.0	K	H	A	ESF	3.11-2	1947	03
HCV-09-1B	CONTROL VALVE (ACTUAT	MFIV CLOSE(MSIS)	ANCHOR/DARLING COMPANY	64324-C/001 SERIES/	TB23	738.0 1413.0 45.0	K	H	A	ESF	3.9-10	0745	03

TAGS INCLUDED: FI-09-2B(202) ----HCV-09-1B
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 09-AUXILIARY FEEDWATER

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
HCV-09-1B REL P NL	INTERLOCKING RELAYS	INTERLOCKING RELAYS FOR MSIS ISOLATION	SEE SUBCOMP	SEE SUBCOMP	TB23	739.0 1400.0 45.0	K	H	A	ESF	3.112	1948	03
HCV-09-2A	CONTROL VALVE (ACTUAT	MFIV CLOSE(MSIS)	ANCHOR/DARLING COMPANY	64324-C/001 SERIES/	TB23	710.0 1400.0 45.0	K	H	A	ESF	3.9-10	0746	03
HCV-09-2A REL P NL	INTERLOCKING RELAYS	INTERLOCKING RELAYS FOR MSIS ISOLATION	SEE SUBCOMP	SEE SUBCOMP	TB23	637.0 1402.0 45.0	K	M	A	ESF	3.112	1949	03
HCV-09-2B	CONTROL VALVE (ACTUAT	MFIV CLOSE(MSIS)	ANCHOR/DARLING COMPANY	64324-C/001 SERIES/	TB23	619.0 1389.0 45.0	E	H	A	ESF	3.9-10	0747	03
HCV-09-2B REL P NL	INTERLOCKING RELAYS	INTERLOCKING RELAYS FOR MSIS ISOLATION	SEE SUBCOMP	SEE SUBCOMP	TB23	619.0 1387.0 45.0	K	M	A	ESF	3.112	1950	03
HIC-09-1C(202)	HAND INDICATING CONTR	AUX. FWP 2C TURB	FISCHER & PORTER	53ED3000	AB26	563.0 1427.0 62.0	E	M	D	SD	7.5-1	0780	01
MV-09-10	MOTOR OPERATED VALVES	AUX FW 2B DISCHARGE VALVE	LIMITORQUE CORP	LO-SMB-4-20 O/ 117490	TB23	675.0 1397.0 46.0	K	H	A	ESF	3.9-10	1049	03
MV-09-10 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-2B	TB23	671.0 1390.0 42.0	K	H	B	RPS ESF	3.112	1050	03
MV-09-11	MOTOR OPERATED VALVES	AUX FW 2C DISCHARGE VALVE	LIMITORQUE CORP	LO-SMB-4-20 O S/N-293	TB23	738.0 1407.0 46.0	K	H	A	ESF	3.9-10	1051	03
MV-09-11 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-2B	TB23	733.0 1395.0 46.0	K	H	B	RPS ESF	3.112	1052	03
MV-09-12	MOTOR OPERATED VALVES	AUX FW 2C DISCHARGE VALVE	LIMITORQUE CORP	LO-SMB-4-20 O/ 117488	TB23	679.0 1398.0 46.0	K	H	A	ESF	3.9-10	1053	03
MV-09-12 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-2B	TB23	684.0 1387.0 46.0	K	H	B	RPS ESF	3.112	1054	03

TAGS INCLUDED: HCV-09-1B REL P----MV-09-12 PB
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 09-AUXILIARY FEEDWATER

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
MV-09-13	MOTOR OPERATED VALVES	AUX FW 2C DISCHARGE VALVE	LIMITORQUE CORP	LO-SMC-04/ D003809	TB23	685.0 1384.0 34.0	K	H	A	ESF	3.9-10	1055	03
MV-09-13 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-2B	TB23	689.0 1382.0 34.0	K	H	B	RPS ESF	3.112	1056	03
MV-09-14	MOTOR OPERATED VALVES	AUX FD INTRTIE OPEN(M)	LIMITORQUE CORP	LO-SMC-04 S/N-D00	TB23	677.0 1393.0 35.0	K	H	A	ESF	3.9-10	1057	03
MV-09-14 PB	LOCAL CONTROL STATION	AUX FW 2C DEV-CHARGE VALVE PUSHBUTTON	BROWN-BOVERI ELECTRI	BY B/M	TB23	667.0 1388.0 26.0	K	H	B	RPS ESF		1058	03
MV-09-9	MOTOR OPERATED VALVES	AUX FD ISOL OPEN(M)	LIMITORQUE CORP	LO-SMB-4-20 O	TB23	742.0 1405.0 46.0	K	H	A	ESF	3.9-10	1060	03
MV-09-9 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M	TB23	752.0 1407.0 42.0	K	H	B	RPS ESF	3.112	1061	03
PI-09-8A	FLOW INDICATING CONTR	AUX FEEDWATER HDR A FLOW-PRESSURE	SIGMA	9264-00-ED		******** ******** ******			D	SD	7.5-1	1198	01
PI-09-8B	FLOW INDICATING CONTR	AUX FEEDWATER HDR B FLOW-PRESSURE	SIGMA	9264-00-ED		******** ******** ******			D	SD	7.5-1	1199	01
SE-09-4	SOLENOID VALVE	AUX FW PUMP 2C ISOLATION	TARGET ROCK	77CC001	TB23	732 1397 45.0	K	H	A	ESF	7.3-2	0011	03
SE-09-5	SOLENOID VALVE	AUX FW P 2C ISOLATION VALVES	TARGET ROCK	77CC001	TB23	680 1394 45.0	K	H	A	ESF	7.3-2	0012	03
FR-09-2A(SP)	FLOW RECORDING	AUX FEEDWATER HDR A FLOW		BY FIELD	AB26	563.0 1427.0 62.0	E	M	D		7.5-1	0573	01
LT-9013A	LEVEL TRANSMI	STEAM GENERATR LEVEL	ITT BARTON	764 1535	RB16	741.0 1496.0 45.0	A	H	A	ESF	CE-ML	0913	03

TAGS INCLUDED: MV-09-13 ----LT-9013A
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 09-FEEDWATER

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
LT-9013B	LEVEL TRANSMI	STEAM GENERATR LEVEL	ITT BARTON	764 1536	RB16	736.0 1477.0 45.0	A	H	A	ESF	CE-ML	0914	03
LT-9013C	LEVEL TRANSMI	STEAM GENERATR LEVEL	ITT BARTON	764 1537	RB16	740.0 1509.0 45.0	A	H	A	ESF	CE-ML	0915	03
LT-9013D	LEVEL TRANSMI	STEAM GENERATR LEVEL	ITT BARTON	764 1538	RB16	737.0 1480.0 45.0	A	H	A	ESF	CE-ML	0916	03
LT-9023A	LEVEL TRANSMI	STEAM GENERATR LEVEL	ITT BARTON	764 1539	RB16	633.0 1505.0 48.0	A	H	A	ESF	CE-ML	0917	03
LT-9023B	LEVEL TRANSMI	STEAM GEN LEVL	ITT BARTON	764 1540	RB16	634.0 1493.0 45.0	A	H	A	ESF	CE-ML	0918	03
LT-9023C	LEVEL TRANSMI	STM GEN LVL	ITT BARTON	764 1541	RB15	636.0 1537.0 21.0	A	H	A	ESF	CE-ML	0919	03
LT-9023D	LEVEL TRANSMI	STM GEN LVL	ITT BARTON	764 1542	RB16	635.0 1513.0 48.0	A	H	A	ESF	CE-ML	0920	03
LT-9113	LEVEL TRANSMI	STM GEN LVL	ITT BARTON	764 1543	RB16	739.0 1488.0 45.0	A	H	A	ESF	CE-ML	0921	03
LT-9123	LEVEL TRANSMI	STM GEN LVL	ITT BARTON	764 1544	RB15	636.0 1484.0 26.0	A	H	A	ESF	CE-ML	0922	03
LY-9013A	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	0927	02
MV-09-1		LATER	LIMITORQUE	BY FIELD	TB10	645.0 1342.0 28.0	J	M	D		MRL	1048	02
MV-09-2		LATER	LIMITORQUE	BY FIELD	TB10	593.0 1346.0 28.0	J	M	D		MRL	1059	02

TAGS INCLUDED: LT-9013B ----MV-09-2
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 09-FEEDWATER

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PI-09-8C	PRESSURE INDICATING C	AUX FEEDWATER HDR C FLOW-PRESSURE	SIGMA	9264-00-ED					D	SD	17.5-1	1200	02
PT-09-8A	PRESSURE TRANSMI	AUX FEED WATER PUMP 2A DISCH	ROSEMOUNT	1153GB9 S/N-386	TB23	693.0 1416.0 23.0	K	H	A	RPS ESF	17.3-2	1315	03
PT-09-8B	PRESSURE TRANSMI	AUX FEED WATER PUMP 2B DISCH	ROSEMOUNT	1153GB9 S/N-386	TB23	675.0 1416.0 23.0	K	H	A	RPS ESF	17.3-2	1316	03
PT-09-8C	PRESSURE TRANSMI	AUX FEED WATER PUMP 2C DISCH	ROSEMOUNT	1153GB9 S/N-386	TB23	709.0 1418.0 23.0	K	H	A	RPS ESF	17.3-2	1317	03
SE-09-2	SOLENOID VALVE	AUX FW PUMP 2A ISOLATION VALVES	TARGET ROCK	77CC001	TB23	746 1398 45.0	K	H	A	ESF	17.3-2	0009	03
SE-09-3	SOLENOID VALVE	AUX FW PUMP 2B ISOLATION VALVES	TARGET ROCK	77CC001	TB23	680 1396 45.0	K	H	A	ESF	17.3-2	0010	03

SYSTEM # & NAME: 12-CONDENSATE

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
LIS-12-11(202,A,L,HVAC,LL)	LEVEL INDIC ATG SWITCH	CONDENSATE STORAGE TANK LEVEL	SIGMA	9262-22-ED	AB26	563.0 1427.0 62.0	E	M	D	AUXSUP SD PAM	7.5-1	0864	01
LS-12-8(202-A,H,L,HVAC-A,LL)	LEVEL SWITCH	COND STORAGE TK	MAGNETROL	A153F-Y-3X-EP/VPX-3,	TB13	698.0 1169.0 50.0	J	M	D		7.5-3	0884	01
LT-12-11	PRESSURE TRANSMITTER	LATER	ROSEMOUNT	1153DB5	TB13	689.0 1166.0 23.0	J	M	D		7.3-2	0912	01
PS-12-17A	PRESSURE SWITCH	AUX FW PUMP 2A SUCTION	ITT/BARTON	580-1	TB23	693.0 1416.0 23.0	K	H	C	ESF	MRL	1289	02
PS-12-17B	PRESSURE SWITCH	AUX FW PUMP 2B SUCTION	ITT/BARTON	580-1	TB23	675.0 1416.0 23.0	K	H	C	ESF	MRL	1290	02
PS-12-17C	PRESSURE SWITCH	AUX FW PUMP 2C SUCTION	ITT/BARTON	580-1	TB23	709.0 1418.0 23.0	K	H	C	ESF	MRL	1291	02

SYSTEM # & NAME: 13-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FI-13-1	FLOW INDICATING CONTR	LATER	BROOKS INSTRUMENT	BY FIELD				D		MRL	0521	01
FI-13-2	FLOW INDICATING CONTR	LATER	BROOKS INSTRUMENT	BY FIELD				D		MRL	0522	01
FI-13-3	FLOW INDICATING CONTR	LATER	BROOKS INSTRUMENT	BY FIELD				D		MRL	0523	01
FI-13-4	FLOW INDICATING CONTR	LATER	BROOKS INSTRUMENT	BY FIELD				D		MRL	0524	01
FI-13-5	FLOW INDICATING CONTR	LATER	BROOKS INSTRUMENT	BY FIELD				D		MRL	0525	01
FI-13-7	FLOW INDICATING CONTR	LATER	BROOKS INSTRUMENT	BY FIELD				D		MRL	0526	01

SYSTEM # & NAME: 14-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
CCW P 2C	PUMP MOTOR	COMPONENT COOLING WATER PUMP 2C	GENERAL ELECTRIC CO.	SK828840C81	CCO2	664.0 1698.0 12.0	H	M	D		MRL	0178	01
WG COMPR 2A		LATER		BY FIELD	AB24	563.0 1579.0 -1.0	E	M	D		3.112	1726	01
FF-14-1A(206,5)	FLOW SUMMERIZER	LATER	SIGMA	50ES3000		******** ******** ******			D		MRL	0489	01
FF-14-1B(206,V)	FLOW SUMMERIZER	LATER	SIGMA	50ES3000		******** ******** ******			D		MRL	0490	01
FF-14-10A(206,V)	FLOW SUMMERIZER	LATER	SIGMA	50ES3000		******** ******** ******			D		MRL	0491	01
FF-14-10B(206)	FLOW SUMMERIZER	LATER	SIGMA	50ES3000		******** ******** ******			D		MRL	0492	01
FF-14-15A(,V)	FLOW SUMMERIZER	LATER		BY FIELD	AB26	CONTROL ROOM	C	M	D		MRL	0493	01
FF-14-15B(,V)	FLOW SUMMERIZER	LATER	SIGMA	50ES3000		******** ******** ******			D		MRL	0494	01
FF-14-15C(,V)	FLOW SUMMERIZER	LATER		BY FIELD	AB26	CONTROL ROOM	C	M	D		MRL	0495	01
FF-14-15D(,V)	FLOW SUMMERIZER	LATER	SIGMA	50ES3000		******** ******** ******			D		MRL	0496	01
FF-14-2(206)	FLOW SUMMERIZER	LATER	SIGMA	50ES3000		******** ******** ******			D		MRL	0497	01
FF-14-6(,5)	FLOW SUMMERIZER	LATER	SIGMA	50ES3000		******** ******** ******			D		MRL	0498	01

TAGS INCLUDED: CCW P 2C ----FF-14-6(,5)
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 14-COMPONENT COOLING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES # .I	REV #
FI-14-3A	FLOW INDICATING CONTR	LATER	BROOKS INSTRUMENT	BY FIELD		********* ********* ******			D		MRL	0527	01
FI-14-3B	BYPASS ROTIMETER	LATER		BY FIELD	AB26	CONTROL ROOM * *	C	M	D		MRL	0528	01
FI-14-4	FLOW INDICATING CONTR	LATER	BROOKS INSTRUMENT	BY FIELD		********* ********* ******			D		MRL	0529	01
FIS-14-1A(206,A.H.L)	FLOW INDICATG SWITCH	CCW HDR 2A FLOW		9262	AB26	581.0 1403.0 62.0	E	M	D	AUXSUP	7.5-1	0561	01
FT-14-1A	PRESSURE TRANSMITTER	COMP CLG WTR HDR A	ROSEMOUNT	1153DB5	CCO2	701.0 1675.0 28.0	H	M	D		7.3-2	0645	01
FT-14-1B	PRESSURE TRANSMITTER	COMP CLG. WTR HDR. B	ROSEMOUNT	1153DB5	CCO2	636.0 1682.0 28.0	H	M	D		7.3-2	0646	01
FT-14-10A	PRESSURE TRANSMITTER	CCW FROM SHUT DWN.HT.2A FLOW	ROSEMOUNT	1153DB5	AB24	550.0 1439.0 -1.0	E	M	D		7.3-2	0647	01
FT-14-10B	PRESSURE TRANSMITTER	CCW FROM SHUT DWN.HT.2B FLOW	ROSEMOUNT	1153DB5	AB24	550.0 1417.0 -1.0	E	M	D		7.3-2	0648	01
FT-14-15A	PRESSURE TRANSMITTER	CCW TO RC PMPS	ROSEMOUNT	1153DB5	AB25	583.0 1492.0 24.0	E	M	D		7.3-2	0649	01
FT-14-15B	PRESSURE TRANSMITTER	CCW TO RC PMPS	ROSEMOUNT	1153DB5	AB25	584.0 1501.0 20.0	E	M	D		7.3-2	0650	01
FT-14-15C	PRESSURE TRANSMITTER	CCW TO RC PMPS	ROSEMOUNT	1153DB5	AB25	579.0 1498.0 24.0	E	M	D		7.3-2	0651	01
FT-14-15D	PRESSURE TRANSMITTER	CCW TO RC PMPS	ROSEMOUNT	1153DB5	AB25	584.0 1514.0 24.0	E	M	D		7.3-2	0652	01

TAGS INCLUDED: FI-14-3A ----FT-14-15D
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 14-COMPONENT COOLING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FT-14-2	PRESSURE TRANSMITTER	CCW FROM FUEL POOL HT.X.	ROSEMOUNT	1153DB5	FH20	643.0 1606.0 24.0	F	M	D		7.3-2	0653	01
FT-14-6	PRESSURE TRANSMITTER	CCW FROM LET DWN HT-X	ROSEMOUNT	1153DB5-SH1	AB25	582.0 1533.0 20.0	E	M	D		7.3-2	0654	01
HCV-14-1	CONTROL VALVE	RCP COOLING WATER SUPPLY ISOLATION VALVE	ASCO/NAMCO	BY FIELD	RB15	633.0 1492.0 20.0	A	H	A	RPS	3.9-10	0748	03
HCV-14-2	CONTROL VALVE	RCP COOLING WATER SUPPLY ISOLATION VALVE	ASCO/NAMCO	S:NP8321A2E LS:EA74	RB15	633.0 1493.0 20.0	A	H	A	RPS	3.9-10	0750	03
HCV-14-3A	CONTROL VALVE	CCW OUTLET VALVE FROM SHUTDOWN HX 2A	ASCO/NAMCO	S:HTX8318G1 3E LS:EA74	AB24	565.0 1450.0 5.0	D	H	A	RPS	3.9-10	0751	03
HCV-14-3B	CONTROL VALVE	CCW OUTLET VALVE FROM SHUTDOWN HX 2B	ASCO/NAMCO	S:NP831655E LS:EA74	AB24	565.0 1430.0 5.0	D	H	A	RPS	3.9-10	0752	03
HCV-14-6	CONTROL VALVE	RCP COOLING WATER SUPPLY ISOLATION VALVE	ASCO/NAMCO	S:NP8321A-2 -E LS:EA74	AB25	610.0 1488.0 20.0	D	H	A	RPS	3.9-10	0753	03
HCV-14-7	CONTROL VALVE	RCP COOLING WATER SUPPLY ISOLATION VALVE	ASCO/NAMCO	S:NP8321A6 LS:EA18	AB25	610.0 1485.0 20.0	D	H	A	RPS	3.9-10	0754	03
HCV-14-8A(,F.C.,SIAS)		CCW HDR. A SUPPLY TO NON-ESSENTIAL HDR IS		BY FIELD	CC02	694.0 1671.0 28.0	H	M	D		7.3-2	0755	01
LS-14-1A(206,A,L)	LEVEL SWITCH	CCW SURGE TANK	MAGNETROL	291-X-EP-VPX M14DC	AB28	589.0 1454.0 62.0	E	M	D		7.5-3	0885	01
LS-14-1B(206,A,L)	LEVEL SWITCH	CCW SURGE TANK	MAGNETROL	291-X-EP-VPX M14DC	AB28	589.0 1448.0 62.0	E	M	D		7.5-3	0886	01
LS-14-5(206,A,H)	LEVEL SWITCH	CCW SURGE TANK	MAGNETROL	291-X-EP-VPX-M14DC	AB27	589.0 1451.0 61.0	E	M	D		MRL	0887	01

TAGS INCLUDED: FT-14-2 ----LS-14-5(206,A,H

SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 14-COMPONENT COOLING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
LS-14-6A	LEVEL SWITCH	COMP.COOLING WTR SURGE TANK	MAGNETROL	291-X-EP-VPX-M14DC	AB28	589.0 1446.0 62.0	E	M	D		MRL	0888	01
LS-14-6B	LEVEL SWITCH	COMP.COOLING WTR SURGE TANK	MAGNETROL	291-X-EP-VPX-M14DC	AB28	589.0 1456.0 62.0	E	M	D		MRL	0889	01
MV-14-1 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	CCO2	672.0 1731.0 28.0	H	M	D	SD	3.112	1063	02
MV-14-1(N.C.)	MOV GATE VA	CCW PMP ISOL NC	LIMITORQUE CORP	LO-SMB-000-5	CCO2	684.0 1709.0 12.0	H	M	D		3.9-10	1062	01
MV-14-10	MOTOR OPERATED VALVES	FAN COOLR ISOL OPENS	LIMITORQUE CORP	LO-SMB-000-2 S/N-245	AB25	605.0 1511.0 25.0	D	H	A	ESF	3.9-10	1064	03
MV-14-10 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-8B	AB25	587.0 1562.0 20.0	D	H	B	RPS ESF	3.112	1065	03
MV-14-11	MOTOR OPERATED VALVES	FAN COOLR ISOL OPENS	LIMITORQUE CORP	LO-SMB-000-2/ 845638	AB25	609.0 1522.0 25.0	D	H	A	ESF	3.9-10	1066	03
MV-14-11 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-8B	AB25	587.0 1562.0 20.0	D	H	B	RPS ESF	3.112	1067	03
MV-14-12	MOTOR OPERATED VALVES	FAN COOLR ISOL OPENS	LIMITORQUE CORP	LO-SMB-000-2 S/N-245	AB25	607.0 1517.0 25.0	D	H	A	ESF	3.9-10	1068	03
MV-14-12 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-8B	AB25	587.0 1562.0 20.0	D	H	B	RPS ESF	3.112	1069	03
MV-14-13	MOTOR OPERATED VALVES	FAN COOLR ISOL OPENS	LIMITORQUE CORP	LO-SMB-000-2/ 245640	AB25	605.0 1498.0 25.0	D	H	A	ESF	3.9-10	1070	03
MV-14-13 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-8B	AB25	587.0 1516.0 23.0	D	H	B	RPS ESF	3.112	1071	03

TAGS INCLUDED: LS-14-6A ----MV-14-13 PB
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 14-COMPONENT COOLING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
MV-14-14	MOTOR OPERATED VALVES	FAN COOLR ISOL OPENS	LIMITORQUE CORP	LO-SMB-000-12/ 245641	AB25	603.0 1492.0 25.0	D	H	A	ESF	3.9-10	1072	03
MV-14-14 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-8B	AB25	587.0 1516.0 23.0	D	H	B	RPS ESF	3.112	1073	03
MV-14-15	MOTOR OPERATED VALVES	FAN COOLR ISOL OPENS	LIMITORQUE CORP	LO-SMB-000-12 S/N-245	AB25	605.0 1506.0 25.0	D	H	A	ESF	3.9-10	1074	03
MV-14-15 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-8B	AB25	587.0 1516.0 23.0	D	H	B	RPS ESF	3.112	1075	03
MV-14-16	MOTOR OPERATED VALVES	FAN COOLR ISOL OPENS	LIMITORQUE CORP	LO-SMB-000-12 S/N-245	AB25	603.0 1503.0 25.0	D	H	A	ESF	3.9-10	1076	03
MV-14-16 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-8B	AB25	587.0 1516.0 23.0	D	H	B	RPS ESF	3.112	1077	03
MV-14-17	MOTOR OPERATED VALVES	FUEL POOL ISO. CLOSE(SIAS)	LIMITORQUE CORP	LO-SMB-000-12	AB25	596.0 1578.0 25.0	D	H	A	ESF	3.9-10	1078	03
MV-14-17 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M	AB25	587.0 1543.0 20.0	D	H	B	RPS ESF	3.112	1079	03
MV-14-18	MOTOR OPERATED VALVES	CCW TO FUEL HX ISOL VALVE	LIMITORQUE CORP	LO-SMB-000-12	AB25	595.0 1577.0 25.0	D	H	A	ESF	3.9-10	1080	03
MV-14-18 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M	AB25	587.0 1565.0 20.0	D	H	B	RPS ESF	3.112	1081	03
MV-14-19	MOTOR OPERATED VALVE	FUEL POOL ISOL CLOSE(R-M)	LIMITORQUE CORP	LO-SMB-000-12	AB25	595.0 1556.0 25.0	D	H	A	ESF	3.9-10	1082	03
MV-14-19 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M	AB25	587.0 1543.0 20.0	D	H	B	RPS ESF	3.112	1083	03

TAGS INCLUDED: MV-14-14 ----MV-14-19 SS
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 14-COMPONENT COOLING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
MV-14-2(,N.C.)	MOTOR OPERATED VALVES	CCW PMP ISOL NC	LIMITORQUE CORP	LO-SMB-000-5	CCO2	653.0 1709.0 12.0	H	M	D	ESF	3.9-10	1084	02
MV-14-20	MOTOR OPERATED VALVES	FUEL POOL ISOL CLOSE(R-M)	LIMITORQUE CORP	LO-SMB-000-2	AB25	595.0 1557.0 25.0	D	H	A	ESF	3.9-10	1086	03
MV-14-20 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M	AB25	587.0 1565.0 20.0	D	H	B	RPS ESF	3.112	1087	03
MV-14-3(,N.C.)	GATE	CCW PMP ISOL NC	LIMITORQUE CORP	LO-SMB-000-5	CCO2	674.0 1684.0 12.0	H	M	D		3.9-10	1088	01
MV-14-4(,N.C.)	GATE	CCW PMP ISOL NC	LIMITORQUE CORP	LO-SMB-000-5	CCO2	644.0 1684.0 12.0	H	M	D		3.9-10	1090	01
MV-14-9	MOTOR OPERATED VALVES	FAN COOLR ISOL OPENS	LIMITORQUE CORP	LO-SMB-000-2 S/N-245	AB25	606.0 1511.0 20.0	D	H	A	ESF	3.9-10	1092	03
MV-14-9 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M C10-88	AB25	587.0 1562.0 20.0	D	H	B	RPS ESF	3.112	1093	03
TCV-14-4A		LATER		BY FIELD					D			0027	02
TR-25-2A(HVCB,A,H)	FLOW RECORDING	SHIELD BUILD VENT SYSTEM PRE HEPA FILTER	WESTRONICS	BY FIELD					D	AUXSUP	7.5-1	1582	01
TR-25-2B(HVCB,A,H)	FLOW RECORDING	SHIELD BUILD VENT SYSTEM PRE HEPA FILTER	WESTRONICS	BY FIELD					D	AUXSUP	7.5-1	1587	01
TCV-14-4B		LATER		BY FIELD					D			0028	02

SYSTEM # & NAME: 15-TREATED WATER

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
HCV-15-1	CONTROL VALVE	PRIMARY MAKEUP CLOSES(CIAS)	ASCO/NAMCO	S:NP8321A1 E LS:EA18	AB25	606.0 1528.0 25.0	D H	A		MRL	0758	03

SYSTEM # & NAME: 17-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
SE-17-1A(,*)		OIL TNK 2A INL OPEN(NO)		BY FIELD					D		3.9-10	1447	01
SE-17-1A(,BYPASS)		OIL TNK 2A INL OPEN(NO)		BY FIELD					D		3.9-10	1448	01
SE-17-1B(,*)		OIL TNK 2A INL OPEN(NO)		BY FIELD					D		3.9-10	1449	01
SE-17-1B(,BYPASS)		OIL TNK 2A INL OPEN(NO)		BY FIELD					D		3.9-10	1450	01
SE-17-2A(,*)		OIL TNK 2B INL OPEN(NO)		BY FIELD					D		3.9-10	1451	01
SE-17-2A(,BYPASS)		OIL TNK 2B INL OPEN(NO)		BY FIELD					D		3.9-10	1452	01
SE-17-2B(,*)		OIL TNK 2B INL OPEN(NO)		BY FIELD					D		3.9-10	1453	01
SE-17-2B(,BYPASS)		OIL TNK 2B INL OPEN(NO)		BY FIELD					D		3.9-10	1454	01
DG 2A	DIESEL GEN.	PROVIDE CL IE AC PWR	MORRIS-KNUDSEN	BY FIELD	DG01	517.0 1700.0 25.0	G	M	D		3.112	0394	01
DG 2B	DIESEL GEN SET	PROVIDE CL 1E SAFETY PWR	MORRIS-KNUDSEN	BY FIELD	DG01	485.0 1700.0 25.0	G	M	D		3.112	0397	01
DO TRANS P 2A	PUMP MOTOR	LATER		BY FIELD	DT04	616.0 1771.0 19.0	J	M	D		3.112	0400	01
DO TRANS P 2B	PUMP MOTOR	LATER		BY FIELD	DT04	607.0 1771.0 19.0	J	M	D		3.112	0401	01

TAGS INCLUDED: SE-17-1A(,*) ----DO TRANS P 2B
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 17-DIESEL OIL

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
LS-17-10A(,A,DG,L,ANN;A,L,HVAC	LEVEL SWITCH	DIESEL OIL STORAGE TANK	MAGNETROL	4153F-Y-EP/VPX-M14DC	DG01	********* ********* ******	D	M	D		7.5-3	0890	01
LS-17-10B(,A,L,DGANN,HVAC)	LEVEL SWITCH	DIESEL OIL STORAGE TANK	MAGNETROL	A153F-Y-EP/VPX-M14DC	DG01	* *		M	D		7.5-3	0891	01
LS-17-552A(,*,L,L,A,HVAC)	LEVEL SWITCH	LATER		BY FIELD		********* ********* ******			D		7.5-3	0892	01
LS-17-552B(,*,A,,LL,HVAC)	LEVEL SWITCH	LATER		BY FIELD					D		7.5-3	0893	01
LS-17-553A(,*,A,,LL,HVAC)	LEVEL SWITCH	LATER		BY FIELD		********* ********* ******			D		7.5-3	0894	01
LS-17-553B(,*,A,,LL,HVAC)	LEVEL SWITCH	LATER		BY FIELD					D		7.5-3	0895	01

SYSTEM # & NAME: 18-INSTRUMENT AIR

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
HCV-18-1	CONTROL VALVE	INS AIR TO CONTAINMENT	ASCO/NAMCO	LS:EA180213 02 S:NP832	AB25	607.0 1495.0 20.0	D	H	A		MRL	0759	03

SYSTEM # & NAME: 21-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
INT CGW P 2A	PUMP MOTOR	INTAKE COOLING WATER PUMP 2A	GENERAL ELECTRIC COMPA	SK6338XC124A	IT05	654.0 1038.0 17.0	I	M	D		17.3-2	0804	01
INT CGW P 2B	PUMP MOTOR	INTAKE COOLING WATER PUMP 2B	GENERAL ELECTRIC COMPA	SK6338XC124A	IT05	626.0 1038.0 17.0	I	M	D		17.3-2	0806	01
LS-21-5A	LEVEL SWITCH	INTAKE STRUCT. UPSTREAM OF TRAVELING	MAGNETROL	A153-EP-VPX7-M14DC	IT05	631.0 1007.0 18.0	I	M	D		17.5-3	0896	01
LS-21-5B	LEVEL SWITCH	INTAKE STRUCT. UPSTREAM OF TRAVELING	MAGNETROL	A153-EP-VPX7-M14DC	IT05	629.0 1007.0 18.0	I	M	D		17.5-3	0897	01
MV-21-2(,SIAS)	GATE	ICW HDR.B DISCH. TO TCW HEAT EXCH. ISOLATI	LIMITORQUE CORP	LO-SMB-000-5	IT05	676.0 1056.0 17.0	I	M	D	ESF	17.3-2	1094	01
MV-21-3(,SIAS)	GATE	ICW HDR.A DISCH. TO TCW HEAT EXCH. ISOLATI	LIMITORQUE CORP	LO-SMB-000-5	IT05	664.0 1056.0 17.0	I	M	D	ESF	17.3-2	1096	01
MV-21-4A(,S1AS)	GATE	ICW LUBE WATER DISCH. VALVES TO CIRC. WATE	LIMITORQUE CORP	LO-SMB-000-2	IT05	661.0 1062.0 17.0	I	M	D	ESF	17.3-2	1098	01
MV-21-4B(,S1AS)	GATE	ICW LUBE WATER DISCH. VALVES TO CIRC. WATE	LIMITORQUE CORP	LO-SMB-000-2	IT05	680.0 1060.0 17.0	I	M	D	ESF	17.3-2	1100	01
PS-21-4B	PRESSURE SOLENOID	LUBE WTR TO INTAKE CLG WTR PUMP 2B LOANN	ITT/BARTON	580-1	IT05	650.0 1040.0 17.0	I	M	D		MRL	1293	02
PS-21-4C	PRESSURE SOLENOID	LUBE WTR TO INTAKE CLG WTR PUMP 2C LOANN	ITT/BARTON	580-1	IT05	637.0 1040.0 17.0	I	M	D		MRL	1294	02
PY-21-8B	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	1386	02
PY-2212	FLOW CONVERTER	LATER	FOXBORO INSTRUMENT COM	2AI-12V					D		CE-ML	1387	02

TAGS INCLUDED: INT CGW P 2A ----PY-2212
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 21-CIRCULATING WATER

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
INT CGW P 2C	PUMP MOTOR	INTAKE COOLING WATER PUMP 2C	GENERAL ELECTRIC COMPA	SK6338XC124A	IT05	640.0 1038.0 17.0	I	M	D		7.3-2	0808	01
MV-21-2 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	GOULD	BY BILL OF MATLBY FIEL	IT05	676.0 1056.0 20.0	I	M	D	SD	3.112	1095	02
PIS-21-8A(202,A,L)	PRESSURE INDICATG SWIT	INTAKE COOL WATER DISCH HDR A PRESS		BY FIELD		******** ******** ******			D	AUXSUP	7.5-1	1247	01
PIS-21-8B(202,A,L)	PRESSURE INDICATG SWIT	INTK.CLG.WTR.HDR. A		BY FIELD		******** ******** ******			D	AUXSUP	7.5-1	1248	01
PS-21-4A	PRESSURE SOLENOID	LUBE WTR TO INTAKE CLG WTR PUMP2A LOANN	ITT/BARTON	580-1	IT05	623.0 1040.0 17.0	I	M	D		MRL	1292	02
PT-21-8A	PRESSURE TRANSMITTER	INTAKE COOLING WATER DISCH HDR PRESSURE	ITT BARTON	763	IT05	657.0 1056.0 17.0	I	M	D		CE-ML	1328	01
PT-21-8B	PRESSURE TRANSMITTER	INTAKE COOLING WATER DISCH HDR PRESSURE	ITT BARTON	763	IT05	657.0 1054.0 17.0	I	M	D		CE-ML	1329	01
PY-21-8A	PRESS CNVERTER	SIGNAL CNVRSN	FOXBORO INSTRUMENT COM	2AI-12V	AB26	595 1391 62	E	M	D		CE-ML	1385	02

SYSTEM # & NAME: 22-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FS-25-22A	FLOW SWITCH	ANNUNCIATE FLOW FAILURE OF FAN 2HVS-5A	HENRY G DIETZ	171 D8WC-S	AB28	522.0 1448.0 62.0	E	M	D		7.5-	0604	01

SYSTEM # & NAME: 23-BLOWDOWN

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FCV-23-3	CONTROL VALVE	SG BLOWDOWN CLOSES(CIAS)	ASCO/NAMCO	LS:EA180213 02 S:NP831	AB25	613.0 1537.0 20.0	D	H	A		3.9-10	0425	03
FCV-23-5	CONTROL VALVE	SG BLOWDOWN CLOSES(CIAS)	ASCO/NAMCO	S:NP8321A1E LS:EA18	AB25	609.0 1501.0 20.0	D	H	A		3.9-10	0426	03
FCV-23-6(,F.C.)	FLOW CNTROL VALVE	STM GEN 2B BLOWDOWN	WKM VALVE DIV/ACF	2 INCHES 600# GATE	RB15	617.0 1501.0 20.0	A	H	A			2116	03
FCV-23-7	CONTROL VALVE	SG SAMPLE CLOSES(CIAS)	ASCO/NAMCO	S:NP8321A1E	AB25	603.0 1517.0 20.0	D	H	A		3.9-10	0427	03
FCV-23-9	CONTROL VALVE	SG SAMPLE CLOSES(CIAS)	ASCO/NAMCO	BY FIELD	AB25	608.0 1498.0 20.0	D	H	A		3.9-10	0428	03
PS-23-3	PRESSURE SOLENOID	STM GEN BLOW DOWN VLV INTERLOCK	ITT/BARTON	580-1	AB25	580.0 1539.0 20.0	E	M	D		MRL	1298	01
PS-23-4	PRESSURE SOLENOID	STM GEN BLOW DOWN VLV INTERLOCK	ITT/BARTON	580-1	AB25	582.0 1533.0 20.0	E	M	D		MRL	1299	01
PS-23-5	PRESSURE SOLENOID	STM GEN BLOW DOWN VLV INTERLOCK	ITT/BARTON	580-1	AB25	580.0 1539.0 20.0	E	M	D		MRL	1300	01
PS-23-6	PRESSURE SOLENOID	STM GEN BLOW DOWN VLV INTERLOCK	ITT BARTON	580-1	AB25	582.0 1533.0 20.0	E	M	D		MRL	1301	01

SYSTEM # & NAME: 25-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FS-25-22B	FLOW SWITCH	ANNUNCIATE FLO W FAILURE OF F AN 2HVS-B	HENRY G DIE TZ	171-D8WC-S	AB28	508.0 1460.0 65.0	E	M	D		7.5-	0605	01
2HVA/ACC-3C THRMS		LATER		BY FIELD	AB28	548.0 1451.0 66.0	E	M	D			2017	02
FS-25-6A (,*)	FLOW SWITCH	STARTS FAN 2HV E-21B LCTD AT DISCH OF 2HVE-	HENRY G DIE TZ	171-D8WC-S	RB17	659.0 1467.0 62.0	A	H	C		7.5-	0611	02
FS-25-6B (,*)	FLOW SWITCH	STARTS FAN 2HV E-21A LCTD AT DISCH OF 2HVE-	HENRY G DIE TZ	171-D8WC-S	RB17	659.0 1462.0 62.0	A	H	C		7.5-	0612	02
FS-25-2A	FLOW SWITCH	ANNUNCIATE FLO W FAILURE OF F AN 2HVS-1A	HENRY G DIE TZ	171-D8WC-S	RB16	729.0 1552.0 45.0	A	H	C		7.5-	0598	02
FS-25-2B	FLOW SWITCH	ANNUNCIATE FLO W FAILURE OF F AN 2HVS-1B	HENRY G DIE TZ	171-D8WC-S	RB16	640.0 1541.0 45.0	A	H	C		7.5-	0599	02
FS-25-2C	FLOW SWITCH	ANNUNCIATE FLO W FAILURE OF F AN 2HVS-1C	HENRY G DIE TZ	171-D8WC-S	RB17	630.0 1472.0 62.0	A	H	C		7.5-	0600	02
FS-25-2D	FLOW SWITCH	ANNUCIATE FLOW FAILURE OF FAN 2HVS-1D	HENRY G DIE TZ	171-D8WC-S	RB16	714.0 1443.0 45.0	A	H	C		7.5-	0601	02
TR-25-1A	FLOW RECORDING	CONT COOLING F AN 2HVS-1A COO LING COIL INLE	WESTRONICS	BY FIELD					D	ESF	7.5-1	1569	01
TR-25-1A	FLOW RECORDING	CONT COOLING F AN 2HVS-1A COO LING COIL INLE	WESTRONICS	BY FIELD					D	ESF	7.5-1	1568	01
TR-25-1B	FLOW RECORDING	CONT COOLING F AN 2HVS 1C COO LING COIL INLE	WESTRONICS	BY FIELD					D		7.5-1	1575	01
TR-25-1B	FLOW RECORDING	CONT COOLING F AN 2HVS 1C COO LING COIL INLE	WESTRONICS	BY FIELD					D	ESF	7.5-1	1573	01

TAGS INCLUDED: FS-25-22B ----TR-25-1B
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-CONT. FAN COOLERS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
2HVS-1A	FAN MOTOR	CONTAINMENT HEAT REMOVAL	RELIANCE	1XF882438A3 -NE GF-2121	RB15	734.0 1545.0 41.0	A	H	A	ESF	7.3-2	1800	03
2HVS-1B	FAN MOTOR	CONTAINMENT HEAT REMOVAL	RELIANCE	1XF882438A2 -NE/GF-2121	RB15	649.0 1550.0 41.0	A	H	A	ESF	7.3-2	1801	03
2HVS-1C	FAN MOTOR	CONTAINMENT HEAT REMOVAL	RELIANCE	1XF882438A1 -NE/GF-2121	RB17	632.0 1482.0 62.0	A	H	A	ESF	7.3-2	1802	03
2HVS-1D	FAN MOTOR	CONTAINMENT HEAT REMOVAL	RELIANCE	1XF882438A4 -NE/GF-2121	RB15	711.0 1442.0 41.0	A	H	A	ESF	7.3-2	1803	03
FCV-25-2	CONTROL VALVE	CONT ISOL CLOSE(CIAS)	ASCO/NAMCO	S:NP8321A2E LS:EA-7	RB19	626.0 1540.0 33.0	A	H	A		3.9-10	0442	03
FCV-25-7	CONTROL VALVE	CONT VACM RLF CLOSE/OPEN	ASCO/NAMCO	BY FIELD LS:EA-7	RB19	742.0 1455.0 72.0	A	H	A	ESF	3.9-10	0464	03
FCV-25-8	CONTROL VALVE	CONT VACM RLF CLOSE/OPEN	ASCO/NAMCO	BY FIELD LS:EA-7	RB19	734.0 1444.0 72.0	A	H	A	ESF	3.9-10	0465	03
PDI-25-15A	PRESS DIFFE R'TL INDICA	CONT ID ANNULU S DP		BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	1124	01
PDI-25-15B	PRESS DIFFE R'TL INDICA	CONT ID ANNULU S DP		BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	1125	01
PDIS-25-1A	PRESS DIFFE R'TL INDICA	CONT ID ANNULU S DP	SIGMA	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	1126	01
PDIS-25-1B	PRESS DIFFE R'TL INDICA	CONT ID ANNULU S DP	SIGMA	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	1127	01
PDS-25-13A	PRESS DIFFE R'TL SOLENO	CONTAINMENT RELIEF SYST. FOR VLV I-FCV-	ROCHESTER	ET 215V		********* ********* ******			D			1139	01

TAGS INCLUDED: 2HVS-1A ----PDS-25-13A

SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-CONT. VAC. RELIEF

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PDS-25-13B	PRESS DIFFE R'TL SOLENO	CONTAINMENT VACUUM RELIEF SYST.FOR VALVE	ROCHESTER	ET 215V		********* ********* ******			D			1140	01
PDT-25-1A	PRESSURE TR ANSMITTER	TRANSMIT PRESS BET. CONTAIN. AND ANNULUS	ROSEMOUNT	1153DB4	AB25	580.0 1539.0 20.0	E	M	D		7.3-2	1153	01
PDT-25-1B	PRESSURE TR ANSMITTER	PRESS. DIFF. BETWEEN CONTA- INMENT AND	ROSEMOUNT	1153DB4	AB25	584.0 1510.0 20.0	E	M	D		7.3-2	1154	01
PDT-25-13A	PRESSURE TR ANSMITTER	CONT. ANNULUS PRESS. FOR CONTROL OF	ROSEMOUNT	1153DB4	AB25	580.0 1539.0 20.0	E	M	D		7.3-2	1155	01
PDT-25-13B	PRESSURE TR ANSMITTER	CONT. ANNULUS PRESS. TO OPERATE	ROSEMOUNT	1153DB4	AB25	584.0 1510.0 20.0	E	M	D		7.3-2	1156	01
PDT-25-15A	PRESSURE TR ANSMITTER	TRANSMIT CONT- AINMENT-ANNUL- US PRESSURE	ROSEMOUNT	1153DB4	AB25	580.0 1539.0 20.0	E	M	D		7.3-2	1159	01
PDT-25-15B	PRESSURE TR ANSMITTER	TRANSMITS CONTAINMENT TO ANNULUS	ROSEMOUNT	1153DB4	AB25	582.0 1533.0 20.0	E	M	D		7.3-2	1160	01
PS-25-12A	PRESSURE SW ITCH	INST AIR LINE	ITT/BARTON	580-1	RB19	741.0 1451.0 72.0	A	H	C	ESF	MRL	1302	02
PS-25-12B	PRESSURE SW ITCH	INST AIR LINE	ITT BARTON	580-1	RB19	733.0 1443.0 72.0	A	H	C	ESF	MRL	1305	02
ZS-25-14	POSITION SW ITCH	VLV I-FCV-25-7 CONT.VACUUM RELIEF	NAMCO	EA-740 SERI ES	RB19	742 * 1455 * 72.0	A	H	A	PAM	3.11-2	1833	03
ZS-25-15	POSITION SW ITCH	VLV I-FCV-25-7 CONT.VACUUM RELIEF	NAMCO	EA-740 SERI ES	RB19	742 * 1455 * 72.0	A	H	A	PAM	3.11-2	1834	03
ZS-25-16	POSITION SW ITCH	VLV I-FCV-25-8 CONT.VACUUM RELIEF.	NAMCO	EA-740 SERI ES	RB19	734 * 1444 * 72.0	A	H	A	PAM	3.11-2	1835	03

TAGS INCLUDED: PDS-25-13B ----ZS-25-16
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-CONT. VAC. RELIEF

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
ZS-25-17	POSITION SWITCH	VLV I-FCV-25-8 CONT.VACUUM RELIEF	NAMCO	EA-740 SERIES	RB19	734 * 1444 * 72.0	A	H	A	PAM	3.11-2	1836	03
FCV-25-1	CONTROL VALVE	CONT ISOL CLOSE(CIAS)	ASCO/NAMCO	S:HTX8331A45E LS:EA74	AB25	628.0 1552.0 20.0	D	M	A		3.9-10	0429	03
FCV-25-11 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M	AB27	599.0 1539.0 43.0	D	H	B	RPS ESF	3.112	0431	03
FCV-25-12 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M	AB27	597.0 1519.0 47.0	D	H	B	RPS ESF	3.112	0433	03
FCV-25-13 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M	AB27	570.0 1523.0 43.0	D	H	B	RPS ESF	3.112	0435	03
FCV-25-20	CONTROL VALVE	CONT ISOL CLOSE(CIAS)	ASCO/NAMCO	BY FIELD LS:EA-7	RB16	618.0 1512.0 47.0	A	H	A		3.9-10	0443	03
FCV-25-21	CONTROL VALVE	CONT ISOL CLOSE(CIAS)	ASCO/NAMCO	BY FIELD LS:EA-7	AB27	609.0 1518.0 45.0	D	H	A		3.9-10	0444	03
FCV-25-26	CONTROL VALVE	CONT ISOL CLOSE(CIAS)	ASCO/NAMCO	BY FIELD LS:EA-7	AB27	609.0 1516.0 45.0	D	H	A	ESF	3.9-10	0447	03
FCV-25-3	CONTROL VALVE	CONT ISOL CLOSE(CIAS)	ASCO/NAMCO	S:HTX-8331A45E LS:EA-7	RB15	631.0 1540.0 33.0	A	H	A	ESF	3.9-10	0450	03
FCV-25-4	CONTROL VALVE	CONT ISOL CLOSE(CIAS)	ASCO/NAMCO	BY FIELD LS:EA-7	RB16	618.0 1499.0 45.0	A	H	A	ESF	3.9-10	0461	03
FCV-25-5	CONTROL VALVE	CONT ISOL CLOSE(CIAS)	ASCO/NAMCO	BY FIELD LS:EA-7	RB19	615.0 1496.0 54.0	A	H	A	ESF	3.9-10	0462	03
FCV-25-6	CONTROL VALVE	CONT ISOL CLOSE(CIAS)	ASCO/NAMCO	BY FIELD LS:EA-7	AB27	609.0 1493.0 43.0	D	H	A	ESF	3.9-10	0463	03

TAGS INCLUDED: ZS-25-17 ----FCV-25-6
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-CONTAINMENT PURGE

TAG . NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
HCV-25-1	CONTROL VALVE	ECCS SUMP ISOL	ASCO/NAMCO	LS:EA180	AB24	586.0 1483.0 5.0	D	H	A		3.9-10	0052	03
HCV-25-1A	CONTROL VALVE	ECCS SUMP ISOL	ASCO/NAMCO	LS:EA180	AB24	586.0 1484.0 5.0	D	H	A		3.9-10	0053	03
HCV-25-2	CONTROL VALVE	ECCS ISOLATION	ASCO/NAMCO	LS:EA180213 02 S:NP832	AB24	545.0 1463.0 5.0	D	H	A		3.9-10	0054	03
HCV-25-2A	CONTROL VALVE	ECCS ISOL.	ASCO/NAMCO	LS:EA180213 02 S:NP832	AB24	546.0 1463.0 -10.0	D	H	A		3.9-10	0055	03
HCV-25-3	CONTROL VALVE	ECCS ISOL	ASCO/NAMCO	LS:EA180213 02 S:NP832	AB24	546.0 1525.0 5.0	D	H	A		3.9-10	0056	03
HCV-25-3A	CONTROL VALVE	ECCS ISOL	ASCO/NAMCO	LS:EA180213 02 S:NP832	AB24	546.0 1526.0 5.0	D	H	A		3.9-10	0057	03
HCV-25-4	CONTROL VALVE	ECCS ISOL.	ASCO/NAMCO	LS:EA180	AB24	569.0 1537.0 5.0	D	H	A		3.9-10	0058	03
HCV-25-4A	CONTROL VALVE	ECCS ISOL.	ASCO/NAMCO	LS:EA180	AB24	568.0 1536.0 5.0	D	H	A		3.9-10	0059	03
HCV-25-5	CONTROL VALVE	ECCS ISOL.	ASCO/NAMCO	LS:EA180	AB24	577.0 1463.0 5.0	D	H	A		3.9-10	0060	03
HCV-25-5A	CONTROL VALVE	ECCS ISOL.	ASCO/NAMCO	LS:EA180	AB24	578.0 1463.0 5.0	D	H	A		3.9-10	0061	03
HCV-25-6A	CONTROL VALVE	ECCS ISOL CABLE CONDUCTR CONECTORS	ASCO/NAMCO	S:NP8321A1E LS:EA18	AB24	546.0 1522.0 5.0	D	H	A	 AUXSUP	MRL<	2025	03
HCV-25-7A	CONTROL VALVE	ECCS ISOL CABLE CONDUCTR CONECTORS	ASCO/NAMCO	S:NP8321A1E LS:EA18	AB24	562.0 1537.0 5.0	D	H	A	 AUXSUP	MRL<	2026	03

TAGS INCLUDED: HCV-25-1 ----HCV-25-7A
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-CONTAINMENT PURGE

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
ZS-25-10	POSITION SWITCH	VLV I-FCV-25-5 CONT.PURGE EXHAUST	NAMCO	EA-74022010 O	RB19	615* 1496* 54.0	A	H	A		MRL	1814	03
ZS-25-11	POSITION SWITCH	VLV I-FCV-25-5 CONT.PURGE EXHAUST	NAMCO	EA-74022010 O	RB19	615.0* 1496.0* 54.0	A	H	A	PAM	3.11-2	1825	03
ZS-25-12	POSITION SWITCH	VLV I-FCV-25-6 CONT.PURGE EXHAUST	NAMCO	LS:EA740201 OO	AB27	609 * 1493 * 43.0	D	H	A	PAM	3.11-2	1831	03
ZS-25-13	POSITION SWITCH	VLV I-FCV-25-6 CONT.PURGE EXHAUST	NAMCO	LS:EA740201 OO	AB27	609 * 1493 * 43.0	D	H	A	PAM	3.11-2	1832	03
ZS-25-2	POSITION SWITCH	VLV I-FCV-25-1 CONT.PURGE INTAKE	NAMCO	EA-74020100	AB25	628 * 1552 * 20.0	E	M	A	PAM	3.11-2	1837	03
ZS-25-3	POSITION SWITCH	VLV I-FCV-25-1 CONT.PURGE INTAKE	NAMCO	EA-74020100	AB25	628 * 1552 * 20.0	E	M	A		3.11-2	1848	03
ZS-25-4	POSITION SWITCH	VLV I-FCV-25-2 CONT.PURGE INTAKE	NAMCO	EA-74080100	RB19	626 * 1540 * 33.0	A	H	A	PAM	3.11-2	1858	03
ZS-25-5	POSITION SWITCH	VLV I-FCV-25-2 CONT.PURGE INTAKE	NAMCO	EA-74080100	RB19	626 * 1540 * 23	A	H	A	PAM	3.11-2	1877	03
ZS-25-6	POSITION SWITCH	VLV I-FCV-25-3 CONT.PURGE INTAKE	NAMCO	EA-740 2010 O	RB15	631 * 1540 * 33.0	A	H	A	PAM	3.11-2	1904	03
ZS-25-7	POSITION SWITCH	VLV I-FCV-25-3 CONT.PURGE INTAKE	NAMCO	EA-740 2010 O	RB15	631 * 1540 * 33.0	A	H	A	PAM	3.11-2	1912	03
ZS-25-8	POSITION SWITCH	VLV I-FCV-25-4 CONT.PURGE EXHAUST	NAMCO	EA-740 2010 O	RB16	618 * 1499 * 45.0	A	H	A	PAM	3.11-2	1921	03
ZS-25-88	POSITION SWITCH	VLV I-FCV25-26 H2 PURGE INTAKE	NAMCO	EA-740 SERI ES	AB27	609* 1516* 45.0	D	H	A	PAM	3.11-2	1928	03

TAGS INCLUDED: ZS-25-10 ----ZS-25-88

SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-CONTAINMENT PURGE

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
ZS-25-9	POSITION SWITCHCH	VLV I-FCV-25-4 CONT.PURGE INTAKE	NAMCO	EA-74020100	RB16	618* 1499* 45.0	A	H	A	PAM	3.11-2	1930	03
ZS-25-92	POSITION SWITCH	VLV I-FCV25-21 H2 PURGE EXHAUST	NAMCO CORP.	EA-740 SERIES	AB27	609 * 1518. * 45.0	D	H	A	PAM	3.11-2	1931	03
ZS-25-93	POSITION SWITCH	VLV I-FCV25-21 H2 PURGE EXHAUST	NAMCO	EA-740 SERIES	AB27	609 * 1518 * 45.0	D	H	A	PAM	3.11-2	1932	03
ZS-25-96	POSITION SWITCH	VLV I-FCV25-20 H2 PURGE EXHAUST	NAMCO	EA-740 SERIES	RB16	618 * 1512. * 47.0	A	H	A	PAM	3.11-2	1933	03
ZS-25-97	POSITION SWITCH	VLV I-FCV25-20 H2 PURGE EXHAUST	NAMCO	EA-740 SERIES	RB16	618 * 1512. * 47.0	A	H	A	PAM	3.11-2	1934	03
FCV-25-14 (,FAI)		AIR INTAKE CLOSE(CIAS)	LIMITORQUE	BY FIELD	AB28	511.0 1419.0 65.0	E	M	D	ESF	MRL 10	0436	01
FCV-25-15 (,FAI)		AIR INTAKE CLOSE(CIAS)	LIMITORQUE	BY FIELD	AB28	498.0 1419.0 65.0	E	M	D	ESF	MRL 10	0437	01
FCV-25-16 (,FAI)	FLOW CONTROL VALVE	AIR INTAKE CLOSE(CIAS)	LIMITORQUE	BY FIELD	AB28	511.0 1420.0 65.0	E	M	D	ESF	MRL 10	0438	01
FCV-25-17 (,FAI)	FLOW CONTROL VALVE	AIR INTAKE CLOSE(CIAS)	LIMITORQUE	BY FIELD	AB28	498.0 1421.0 65.0	E	M	D	ESF	MRL 10	0439	01
FF-25-18A	FLOW SUMMERIZER	LATER	FISCHER & PORTER	50ES3202		********* ********* ******			D		MRL	0499	01
FF-25-18B	FLOW SUMMERIZER	LATER	FISCHER & PORTER	50ES3202		********* ********* ******			D		MRL	0500	01
FF-25-19A1	FLOW SUMMERIZER	LATER	FISCHER & PORTER	50ES3202		********* ********* ******			D		MRL	0501	01

TAGS INCLUDED: ZS-25-9 ----FF-25-19A1
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-CONTROL RM AC

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FF-25-19B1	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	50ES3202		********* ********* ******			D		MRL	0502	01
FF-25-19B2	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	50ES3202		********* ********* ******			D		MRL	0503	01
FI-25-18A	FLOW INDICA TING CONTR	CONTROL ROOM(N ORTH)INTAKE	SIGMA	9262X	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	0532	01
FI-25-18B	FLOW INDICA TING CONTR	CONTROL ROOM(S OUTH)INTAKE	SIGMA	9262X	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	0533	01
FI-25-19A1	FLOW INDICA TING CONTR	CONTROL ROOM E MERG FILTER FA IN DISCH.	SIGMA	9262X	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP PAM	7.5-1	0534	01
FI-25-19B1	FLOW INDICA TING CONTR	CONTROL ROOM E MERG FILTER FA IN DISCH.	SIGMA	9262X	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP PAM	7.5-1	0535	01
FIC-25-19A1	FLOW INDICA TING CONTR	CONTROL ROOM A IR FILTRATION- FLOW TRAINA	FISCHER & P ORTER	53-EG-3311	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	0553	01
FIC-25-19B1	FLOW INDICA TING CONTR	CONTROL ROOM A IR FILTRATION- FLOW TRAINB	FISCHER & P ORTER	53-EG-3311	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	0554	01
FR-25-1A	FLOW RECORD ING	CONT ROOM EMER G FILTRATION S YSTEM TRAIN B	WESTRONICS	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	PAM	7.5-1	0576	01
FR-25-1B	FLOW RECORD ING	CONTROL ROOM A /C EMERG FILTE R SYSTEM TRAIN	WESTRONICS	BY FIELD					D	PAM	7.5-1	0579	01
FS-25-10B	FLOW SWITCH	ANNUCIATE FLOW FAILURE FAN 2 VA-3B	HENRY G DIE TZ CO	171-08WC-S	AB28	562.0 1448.0 63.0	E	M	D		7.5-	0590	01
FS-25-10C	FLOW SWITCH	ANNUCIATE FLOW FAILURE FAN 2 HVA-3C	HENRY G DIE TZ	171-08-WC-S	AB28	547.0 1448.0 63.0	E	M	D		7.5-	0591	01

TAGS INCLUDED: FF-25-19B1 ----FS-25-10C
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-CONTROL RM AC

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FS-25-16A	FLOW SWITCH	CLEANUP SYS,STARTS FAN 2HVE-13B LCATD AT	HENRY G DIETZ CO	171-O8WC-S	AB28	499.0 1434.0 65.0	E	M	D		7.5-	0596	01
FS-25-16B	FLOW SWITCH	CLEANUP SYS,STARTS FAN 2HVE-13A LCTD AT DI	HENRY G DIETZ	171-D8WC-S	AB28	509.0 1434.0 65.0	E	M	D		7.5-	0597	01
FS-25-9A	FLOW SWITCH	ANNUNCIATE FLOW OF FAN 2HVE-13A	HENRY G DIETZ	171-D8WC-S	AB28	495.0 1434.0 65.0	E	M	D		7.5-	0615	01
FS-25-9B	FLOW SWITCH	ANNUNCIATE FLOW FAILURE OF FAN 2HVE-13B	HENRY G DIETZ	171-D8WC-S	AB28	513.0 1434.0 65.0	E	M	D		7.5-	0616	01
FT-25-18A	FLOW TRANSMITTER	CONTROL RM NORTH OUTSIDE AIR INTAKE	ITT BARTON	BY FIELD	AB28	515.0 1439.0 65.0	E	M	D		MRL	0656	01
FT-25-18B	FLOW TRANSMITTER	CONTROL RM SOUTH OUTSIDE AIR INTAKE	ITT BARTON	BY FIELD	RA29	458.0 1431.0 65.0			D		MRL	0657	01
FT-25-19A1	FLOW TRANSMITTER	CONTROL RM AIR FILTRATION SYSTEM	ITT BARTON	BY FIELD	AB28	501.0 1423.0 62.0	E	M	D		MRL	0658	01
FT-25-19A2	FLOW TRANSMITTER	CONTROL RM AIR FILTRATION SYSTEM	ITT BARTON	BY FIELD	AB28	507.0 1423.0 62.0	E	M	D		MRL	0659	01
FT-25-19B1	FLOW TRANSMITTER	CONTROL RM AIR FILTRATION SYSTEM	ITT BARTON	BY FIELD	AB28	507.0 1423.0 62.0	E	M	D		MRL	0660	01
FT-25-19B2	FLOW TRANSMITTER	CONTROL RM AIR FIGURATION SYSTEM	ITT BARTON	BY FIELD	AB28	501.0 1423.0 62.0	E	M	D			0661	01
PDIC-25-23B1	PRESS DIFFER'TL CONTRO	CONTROL ROOM AIR CONDITIONING SYSTEM	FISCHER & PORTER	53EG4431 BBKBAE	AB28	587.0 1458.0 69.0		M	D		.5-2	2123	
PDIS-25-23A	PRESS DIFFER'TL INDICA	CONTROL ROOM TO OUTSIDE DP	SIGMA	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	1128	01

TAGS INCLUDED: FS-25-16A ----PDIS-25-23A

SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-CONTROL RM AC

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PDIS-25-23B	PRESS DIFFE R'TL INDICA	CONTROL ROOM T O OUTSIDE DP	SIGMA	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	1129	01
PDIS-25-9A	PRESS DIFFE R'TL INDICA	CONTROL ROOM E MERG FILTER DP HEPA FILTER	SIGMA	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	1137	01
PDIS-25-9B	PRESS DIFFE R'TL INDICA	CONTROL ROOM E MERG FILTER DP HEPA FILTER	SIGMA	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	1138	01
PR-25-1A	FLOW RECORD ING	CONTROL ROOM T RAIN A PRE HEP A FILTER	WESTRONICS	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	1274	01
PR-25-1B	FLOW RECORD ING	CONTROL ROOM T RAIN B PRE HEP A FILTER	WESTRONICS	BY FIELD					D	AUXSUP	7.5-1	1278	01
TR-25-2A	FLOW RECORD ING	SHIELD BUILD V ENT SYSTEM PRE HEPA FILTER	WESTRONICS	BY FIELD					D	AUXSUP	7.5-1	1581	01
TR-25-2B	FLOW RECORD ING	SHIELD BUILD V ENT SYSTEM PRE HEPA FILTER	WESTRONICS	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	ESF	7.5-1	1583	01
ZS-25-21	POSITION SWITCH	VLV I-FCV25-15 CONT.RM.SOUTH O.A.I.	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O			D	PAM		1839	01
ZS-25-22	POSITION SWITCH	VLV I-FCV25-14 CONTROL RM. NORTH O.A.I.	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O			D	PAM		1840	01
ZS-25-23	POSITION SWITCH	VLV I-FCV25-14 CONTROL RM. NORTH O.A.I.	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O			D	PAM		1841	01
ZS-25-24	POSITION SWITCH	DAMPER D-17A SYSTEM 2 HVE-13A	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O		M	D	PAM		1842	01
ZS-25-25	POSITION SWITCH	DAMPER D-17 SYSTEM 2 HVE-13A	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O		M	D	PAM		1843	01

TAGS INCLUDED: PDIS-25-23B ----ZS-25-25
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-CONTROL RM AC

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
ZS-25-26	POSITION SWITCH	DAMPER D-18A SYSTEM 2 HVE-13A	NAMCO	BY FIELD	SEE	SERVICE OI EQUIP. OI		M	D	PAM		1844	01
ZS-25-27	POSITION SWITCH	DAMPER D-18A SYSTEM 2 HVE-13A	NAMCO	BY FIELD	SEE	SERVICE OI EQUIP. OI		M	D	PAM		1845	01
ZS-25-28	POSITION SWITCH	DAMPER D-19 SYSTEM 2 HVE-13B	NAMCO	BY FIELD	SEE	SERVICE OI EQUIP. OI		M	D	PAM		1846	01
ZS-25-29	POSITION SWITCH	DAMPER D-19 SYSTEM 2 HVE-13B	NAMCO	BY FIELD	SEE	SERVICE OI EQUIP. OI		M	D	PAM		1847	01
ZS-25-72	POSITION SWITCH	DAMPER D-17B SYS 2HVE-13B	NAMCO	BY FIELD	SEE	SERVICE OI EQUIP. OI		M	D	PAM		1913	01
ZS-25-73	POSITION SWITCH	DAMPER D-17B SYS 2HVE-13B	NAMCO	BY FIELD	SEE	SERVICE OI EQUIP. OI		M	D	PAM		1914	01
2HVA/ACC-3A		LATER		BY FIELD	AB28	574.0I 1456.0I 62.0	E	M	D		MRL	2013	02
D-1	DAMPER OPERATOR	AIR SUPPLY DAMPERS TO ECCS PUMP ROOM A	ITT GENERAL CONTROLS	NH-90 SERIES/ NH-95	AB24	581.0I 1486.0I 5.0	D	H	A	ESF	17.3-2	0348	03
D-12A (FC)	DAMPER OPERATOR	ECCS AREA ISOLATION DAMPERS	ITT GENERAL CONTROLS	NH-90/	AB25	578.0I 1515.0I 20.0	E	M	D		17.3-2	0349	01
D-12B (FC)	DAMPER OPERATOR	ECCS AREA ISOLATION DAMPERS	ITT GENERAL CONTROLS	NH-90/	AB25	578.0I 1513.0I 20.0	E	M	D		17.3-2	0350	01
D-13	DAMPER OPERATO	RAB ISOLATION	ITT GENERAL CONTROL	NH-90 SERIES/ NH-95	AB27	561.0I 1533.0I 43.0	D	H	A	ESF	MRL	0351	03
D-14	DAMPER OPERATOR	RAB ISOLATION	ITT GENERAL CONTROL	NH-90 SERIES/ NH-95	AB27	553.0I 1531.0I 43.0	D	H	A	ESF	MRL	0352	03

TAGS INCLUDED: ZS-25-26 ----D-14
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-ECCS VENTILATING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
D-15	DAMPER OPERATOR	RAB ISOLATION	ITT GENERAL CONTROLS	NH-90 SERIES/ NH-95	AB27	586.0 1566.0 43.0	D	M	A	ESF	MRL	0353	03
D-16	DAMPER OPERATOR	RAB ISOLATION	ITT GENERAL CONTROLS	NH-90 SERIES/ NH/95	AB27	586.0 1570.0 43.0	D	M	A	ESF	MRL	0354	03
D-17A (F.O.)	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90/	AB28	499.0 1429.0 65.0	E	M	D	ESF	MRL	0355	01
D-17B (F.O.)	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90/	AB28	513.0 1429.0 65.0	E	M	D	ESF	MRL	0356	01
D-18 (F.O.)	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90/	AB28	499.0 1433.0 65.0	E	M	D	ESF	MRL	0357	01
D-19 (F.O.)	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90/	AB28	513.0 1433.0 65.0	E	M	D	ESF	MRL	0358	01
D-2	DAMPER OPERATOR	DAMPERS TO ECCS PUMP ROOM A	ITT GENERAL CONTROLS	NH-90 SERIES/ NH-95	AB24	573.0 1484.0 5.0	D	H	A	ESF	7.3-2	0359	03
D-20 (F.O.)	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90/	AB28	575.0 1453.0 63.0	E	M	D	ESF	MRL	0360	01
D-21 (F.O.)	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90/	AB28	562.0 1453.0 63.0	E	M	D	ESF	MRL	0361	01
D-22 (F.O.)	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90/	AB28	547.0 1453.0 63.0	E	M	D	ESF	MRL	0362	01
D-23	DAMPER OPERATOR	SBVS CONT.	ITT GENERAL CONTROLS	NH-90 SERIES/ NH-91 R	AB27	576.0 1531.0 46.0	D	H	A	ESF	MRL	0363	03
D-24	DAMPER OPERATOR	SBVS CONT.	ITT GENERAL CONTROLS	NH-90 SERIES/ NH-91 R	AB27	578.0 1515.0 46.0	D	H	A	ESF	MRL	0364	03

TAGS INCLUDED: D-15 ----D-24
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-ECCS VENTILATING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
D-29 (N.O.,F.C.)	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90/	FH21	667.0 1617.0 50.0	F	M	D		MRL	0365	01
D-3	DAMPER OPERATOR	AIR SUPPLY DAMPERS TO ECCS PUMP ROOM B	ITT GENERAL CONTROLS	NH-90 SERIES NH-95	AB24	564.0 1486.0 5.0	D	H	A	ESF	7.3-2	0366	03
D-30 (N.O.,F.C.)	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90/	FH21	669.0 1618.0 50.0	F	M	D		MRL	0367	01
D-31 (N.O.,F.C.)	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90/	FH20	640.0 1610.0 36.0	F	M	D		MRL	0368	01
D-32 (N.O.,F.C.)	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90/	FH20	638.0 1610.0 36.0	F	M	D		MRL	0369	01
D-33 (N.O.,F.C.)	DAMPER OPERATOR	LATER	ITT GENERAL CONROLS	NH-90/	FH20	636.0 1583.0 36.0	F	M	D		MRL	0370	01
D-34 (N.O.,F.C.)	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90/	FH20	637.0 1583.0 36.0	F	M	D		MRL	0371	01
D-35 (N.O.,F.C.)	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90/	FH20	658.0 1592.0 36.0	F	M	D		MRL	0372	01
D-4	DAMPER OPERATOR	AIR SUPPLY DAMPERS TO ECCS PUMP	ITT GENERAL CONTROLS	NH-90/95	AB24	557.0 1485.0 5.0	D	H	A	ESF	7.3-2	0375	03
D-40	DAMPER OPERATOR	LATER	ITT GENERAL CONTROLS	NH-90 SERIES	AB28	561.0 1423.0 76.0	E	M	D	ESF	MRL	0376	01
D-6A	DAMPER OPERATOR	ECCS AREA ISOLATION DAMPERS	ITT GENERAL CONTROLS	NH-90 SERIES/ NH-95	AB24	558.0 1419.0 5.0	D	H	A	ESF	7.3-2	0379	03
D-7A (F.C.)	DAMPER OPERATOR	ECCS AREA ISOLATION DAMPERS	ITT GENERAL CONTROLS	NH-90/	AB24	538.0 1496.0 5.0	E	M	D		7.3-2	0381	01

TAGS INCLUDED: D-29 (N.O.,F.C.----D-7A (F.C.)
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-ECCS VENTILATING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
D-7B (F.C.)	DAMPER 'OPERATOR	ECCS AREA ISOLATION DAMPERS	ITT GENERAL CONTROLS	NH-90/	AB24	537.0 1496.0 5.0	E	M	D		7.3-2	0382	01
D-8A	DAMPER OPERATOR	ECCS AREA ISOLATION DAMPERS	ITT GENERAL CONTROL	NH-90 SERIES/ H-95	AB24	558.0 1460.0 5.0	D	H	A	ESF	7.3-2	0383	03
D-8B	DAMPER OPERATOR	ECCS AREA ISOLATION DAMPERS	ITT GENERAL CONTROL	NH-90 SERIES/ NH 95	AB24	558.0 1459.0 5.0	D	H	A	ESF	7.3-2	0384	03
D-9A	DAMPER OPERATOR	ECCS AREA ISOLATION DAMPERS	ITT GENERAL ONFIRMA	NH-90 SERIES/ NH-95	AB24	548.0 1515.0 5.0	D	H	A		7.3-2	0385	03
D-9B	DAMPER OPERATOR	ECCS AREA ISOLATION DAMPERS	ITT GENERAL CONTROL	NH-90 SERIES/ NH-95	AB24	549.0 1515.0 5.0	D	H	A	ESF	7.3-2	0386	03
FF-25-21A1	FLOW SUMMERIZER	LATER	FISCHER & PORTER	BY FIELD	AB26	CONTROL * ROOM *	C	M	D		MRL	0508	01
FF-25-21B1	FLOW SUMMERIZER	LATER	FISCHER & PORTER	BY FIELD		********* ********* ******	C	M	D		MRL	0509	01
FF-25-21B2	FLOW SUMMERIZER	LATER	FISCHER & PORTER	BY FIELD		********* ********* ******	C	M	D		MRL	0510	01
FI-25-21A1	FLOW INDICATING CONTR	ECCS AREA EXHAUST	SIGMA	9262X	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP PAM	7.5-1	0536	01
FI-25-21B1	FLOW INDICATING CONTR	ECCS AREA EXHAUST	SIGMA	9262X	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP PAM	7.5-1	0537	01
FIC-25-21A1	FLOW INDICATING CONTR	ECCS AREA EXHAUST-FLOW TRAIN A	FISCHER & PORTER	53-EG-3311	AB26	547.0 1408.0 62.0	E	M	D	ESF	7.5-1	0557	01
FIC-25-21B1	FLOW INDICATING CONTR	ECCS AREA EXHAUST-FLOW TRAIN B	FISCHER & PORTER	53-EG-3311	AB26	547.0 1408.0 62.0	E	M	D	ESF	7.5-1	0558	01

TAGS INCLUDED: D-7B (F.C.) ----FIC-25-21B1
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-ECCS VENTILATING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FS-25-11A	FLOW SWITCH	ANNUCIATE FLOW FAILURE FAN 2H VS-4A	HENRY G DIE TZ CO	171-O8WC-S	AB27	580.0 1548.0 43.0	D	H	C		7.5-	0592	02
FS-25-11B	FLOW SWITCH	ANNUCIATE FLOW FAILURE FAN 2 HVS-4A	HENRY G DIE TZ CO	171-O8WC-S	AB27	570.0 1548.0 43.0	D	H	C		7.5-	0593	02
FS-25-12A	FLOW SWITCH	ANNUCIATE FLOW FAILURE FAN 2 HVE-9A	HENRY G DIE TZ CO	171-O8WC-S	AB27	546.0 1533.0 43.0	D	H	C		7.5-	0594	02
FS-25-12B	FLOW SWITCH	ANNUCIATE FLOW FAILURE FAN 2H VE-9B	HENRY G DIE TZ	171-D8WC-S	AB27	577.0 1570.0 43.0	E	M	D		7.5-	0595	01
FS-25-23A	FLOW SWITCH	ANNUNCIATE FLO W FAILURE OF F AN 2HVE-11	HENRY G DIE TZ	171-D8WC-S	AB28	517.0 1390.0 65.0	E	M	D		7.5-	0606	01
FS-25-23B	FLOW SWITCH	ANNUNCIATE FLO W FAILURE OF F AN 2HVE-12	HENRY G DIE TZ	171-D8WC-S	AB28	498.0 1389.0 65.0	E	M	D		7.5-	0607	01
FT-25-21A1	FLOW TRANSMI ITTER	ECCS AREA EXHA UST SYSTEM 2HV E-9A	AIR MONITOR CORP	BY FIELD	AB27	556.0 1522.0 43.0	D	H	D		MRL	0666	02
FT-25-21A2	FLOW TRANSMI ITTER	ECCS AREA EXHA UST SYSTM 2HVE 9A	AIR MONITOR CORP	BY FIELD	AB27	545.0 1521.0 45.0	D	H	D		MRL	0667	02
FT-25-21B1	FLOW TRANSMI ITTER	ECCS AREA EXHA UST SYSTM 2HVE 9B	ITT BARTON	BY FIELD	AB27	584.0 1578.0 43.0	E	M	D		MRL	0668	01
FT-25-21B2	FLOW TRANSMI ITTER	ECCS AREA EXHA UST SYSTEM 2HV E-9B	ITT BARTON	BY FIELD	AB27	580.0 1578.0 43.0	E	M	D		MRL	0669	01
PDIS-25-5A	PRESS DIFFE R'TL INDICA	ECCS AREA EXHA UST RAB HEPA F ILTER A DP	SIGMA	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	1130	01
PDIS-25-5B	PRESS DIFFE R'TL INDICA	ECCS AREA EXHA UST RAB HEPA F ILTER B DP	SIGMA	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	1131	01

TAGS INCLUDED: FS-25-11A ----PDIS-25-5B
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-ECCS VENTILATING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PDT-25-16A	PRESSURE TRANSMITTER	TRANSMITS ECCS AREA PRESSURE DROP.	ROSEMOUNT	1153DB3	AB24	542.0 1476.0 -1.0	E	M	D		7.3-2	1161	01
PDT-25-16B	PRESSURE TRANSMITTER	TRANSMIT ECCS AREA PRESSURE DROP	ROSEMOUNT	1153DB3	AB24	542.0 1485.0 -1.0	E	M	D		7.3-2	1162	01
PR-25-1A	FLOW RECORDING	CONTROL ROOM TRAIN A PRE HEPA FILTER	WESTRONICS	BY FIELD					D	AUXSUP	7.5-1	1275	01
PR-25-1B	FLOW RECORDING	CONTROL ROOM TRAIN B PRE HEPA FILTER	WESTRONICS	BY FIELD					D	AUXSUP	7.5-1	1277	01
TR-25-1A	FLOW RECORDING	CONT COOLING FAN 2HVS-1A COOLING COIL INLE	WESTRONICS	BY FIELD					D		7.5-1	1571	01
TR-25-1B	FLOW RECORDING	CONT COOLING FAN 2HVS 1C COOLING COIL INLE	WESTRONICS	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	1572	01
TR-25-2A	FLOW RECORDING	SHIELD BUILD VENT SYSTEM PRE HEPA FILTER	WESTRONICS	BY FIELD					D	AUXSUP	7.5-1	1580	01
TR-25-2B	FLOW RECORDING	SHIELD BUILD VENT SYSTEM PRE HEPA FILTER	WESTRONICS	BY FIELD					D	ESF	7.5-1	1585	01
ZS-25-116	POSITION SWITCH	ECCS ISOL D-8B	NAMCO	EA-170 SERIES SEE REF	AB24	558.0 1459.0 5.0	D	H	A	PAM	3.11-2	0043	03
ZS-25-117	POSITION SWITCH	ECCS ISOL D-8B	NAMCO	EA-170 SERIES SEE REF	AB24	558.0 1459.0 5.0	D	H	A	PAM	3.11-2	0044	03
ZS-25-118	POSITION SWITCH	ECCS SUPPLY D-4	NAMCO	EA-170 SERIES SEE REF	AB24	557.0 1485.0 5.0	D	H	A	PAM	3.11-2	0035	03
ZS-25-120	POSITION SWITCH	ECCS SUPPLY D-2	NAMCO	EA-170 SERIES SEE REF	AB24	573.0 1484.0 5.0	D	H	A	PAM	3.11-2	0031	03

TAGS INCLUDED: PDT-25-16A ----ZS-25-120
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-ECCS VENTILATING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
ZS-25-121	POSITION SWITCH	ECCS SUPPLY D-2	NAMCO	EA-170 SERIES SEE REF	AB24	573.0 1484.0 5.0	D	H	A	PAM	13.11-2	0032	03
ZS-25-122	POSITION SWITCH	ECCS SUPPLY D-3	NAMCO	EA-170 SERIES SEE REF	AB24	564.0 1486.0 5.0	D	H	A	PAM	13.11-2	0033	03
ZS-25-18	POSITION SWITCH	ECCS SUPPLY D-1	NAMCO	EA-170 SERIES SEE REF	AB24	581.0 1486.0 5.0	D	H	A	PAM	13.11-2	0029	03
ZS-25-36	POSITION SWITCH	DAMPER D-5A ECCS EXHAUST SYSTEM	NAMCO	EA1801302 (REF. 3)	AB24	558.0 1451.0 5.0	D	H	A	PAM	13.11-2	1854	03
ZS-25-37	POSITION SWITCH	D-5A	NAMCO	EA1801302	AB24	560.0 1451.0 5.0	D	H	A	PAM	13.11-2	1855	03
ZS-25-38	POSITION SWITCH	D-5B	NAMCO	EA180310302 (REF.3)	AB24	555.0 1451.0 5.0	D	H	A	PAM	13.11-2	1856	03
ZS-25-39	POSITION SWITCH	D-5B	NAMCO	EA18032302 (REF.3)	AB24	556.0 1451.0 5.0	D	H	A	PAM	13.11-2	1857	03
ZS-25-40	POSITION SWITCH	D-6A	NAMCO	EA18031302	AB24	560.0 1419.0 5.0	D	H	A	PAM	13.11-2	1859	03
ZS-25-41	POSITION SWITCH	DAMPER D-6A ECCS EXHAUST SYSTEM	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O		H	A	PAM	13.11-2	1860	03
ZS-25-42	POSITION SWITCH	D-6B	NAMCO	EA18031302 (REF.3)	AB24	555. 0 1419. 0 5.0	D	H	A	PAM	13.11-2	1861	03
ZS-25-43	POSITION SWITCH	DAMPER D-6B ECCS EXHAUST SYSTEM	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O		H	A	PAM	13.11-2	1862	03
ZS-25-44	POSITION SWITCH	D-9A	NAMCO	EA-170 SERIES SEE REF	AB24	547. 0 1515. 0 15.0	D	H	A	PAM	13.11-2	1863	03

TAGS INCLUDED: ZS-25-121 ----ZS-25-44
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-ECCS VENTILATING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
ZS-25-45	POSITION SWITCH	D-9A	NAMCO	EA-170 SERIES SEE REF	AB24	546. 01 1515. 01 15.0	D	H	A	PAM	3.11-2	1866	03
ZS-25-46	POSITION SWITCH	D-9B	NAMCO	EA-170 SERIES SEE REF	AB24	551. 01 1515. 01 15.0	D	H	A	PAM	3.11-2	1869	03
ZS-25-47	POSITION SWITCH	D-9B	NAMCO	EA-170 SERIES SEE REF	AB24	550. 01 1515. 01 15.0	D	H	A	PAM	3.11-2	1872	03
ZS-25-48	POSITION SWITCH	D-12A	NAMCO	EA-170 SERIES SEE REF		SEE 01 SERVICE 01 EQUIP	E	M	D	PAM	3.11-2	1875	02
ZS-25-49	POSITION SWITCH	DAMPER D-12A ECCS EXHAUST SYSTEM	NAMCO	BY FIELD	SEE	SERVICE 01 EQUIP. 01		M	D	PAM		1876	01
ZS-25-51	POSITION SWITCH	DAMPER D-12B ECCS EXHAUST SYSTEM	NAMCO	BY FIELD	SEE	SERVICE 01 EQUIP. 01		M	D	PAM		1879	01
ZS-25-59	POSITION SWITCH	DAMPER D-16 SYS 2HVE-9B	NAMCO	BY FIELD	SEE	SERVICE 01 EQUIP. 01		M	D	PAM		1901	01
ZS-25-87	POSITION SWITCH	ECCS ISOL D-7A	NAMCO	EA-170 SERIES SEE REF	AB24	538 01 1419 01 5.0	E	H	D	PAM	3.11-2	0038	02
ZS-25-90	POSITION SWITCH	ECCS ISOL D-7B	NAMCO	EA-170 SERIES SEE REF	AB24	537 01 1496 01 5.0	E	H	D	PAM	3.11-2	0039	02
ZS-25-94	POSITION SWITCH	ECCS ISOL D-8A	NAMCO	EA-170 SERIES SEE REF	AB24	558. 01 1460. 01 5.0	D	H	A	PAM	3.11-2	0041	03
ZS-25-95	POSITION SWITCH	ECCS ISOL D-8A	NAMCO	EA-170 SERIES SEE REF	AB24	558. 01 1460. 01 5.0	D	H	A	PAM	3.11-2	0042	03
2HVE-9A	FAN MOTOR	ECCS AREA EXHAUST FAN	WESTINGHOUSE	TBDP/7908	AB27	544.01 1526.01 43.0	D	H	A	ESF	7.3-2	1796	03

TAGS INCLUDED: ZS-25-45 ----2HVE-9A
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-ECCS VENTILATING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
2HVE-9B	FAN MOTOR	ECCS AREA EXHAUST FAN	WESTINGHOUS E	7908	AB27	576.0 1562.0 43.0	E	M	A	ESF	7.3-2	1798	03
2HVS-4A	FAN MOTOR	REACTOR AUX.BL DG. MAIN SUPPLY FAN	WESTINGHOUS E	TDBP/7906	AB27	582.0 1548.0 43.0	D	H	A	ESF	7.3-2	1806	03
2HVS-4B	FAN MOTOR	REACTOR AUX.BL DG. MAIN SUPPLY FAN	WESTINGHOUS E	TBDP/7906	AB27	571.0 1548.0 43.0	D	H	A	ESF	7.3-2	1807	03
PDS-25-17A	PRESS DIFFER'TL SOLENO	FHB VENT SYST. FOR D-23 AND I-FCV-25-11	ROCHESTER	ET 215V		******** ******** ******			D			1141	01
PDS-25-17B	PRESS DIFFER'TL SOLENO	FHB VENT SYST. FOR D-24 AND I-FCV-25-12	ROCHESTER	ET 215V		******** ******** ******			D			1142	01
PDT-25-17A	PRESSURE TRANSMITTER	TRANSMITS OUTSIDE TO POOL AREA	ROSEMOUNT	1153DB3	FH22	744.0 1564.0 66.0	F	M	D		7.3-2	1163	01
PDT-25-17B	PRESSURE TRANSMITTER	TRANSMITS OUT-SIDE TO POOL AREA PRESSURE	ROSEMOUNT	1153DB3	FH22	738.0 1564.0 66.0	F	M	D		7.3-2	1164	01
ZS-25-100	POSITION SWITCH	DAMPER D-30 FUEL POOL SUPPLY	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O		M	D	PAM	3.11-2	1815	01
ZS-25-101	POSITION SWITCH	LATER	NAMCO	EA-170 SERIES SEE REF		SEE O SERVICE O EQUIP	E	H	D		MRL	1816	02
ZS-25-102	POSITION SWITCH	DAMPER D-30 FUEL POOL SUPP DAMPER D-31	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O		M	D	PAM	3.11-2	1817	01
ZS-25-103	POSITION SWITCH	DAMPER D-30 FUEL POOL SUPP DAMPER D-31	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O		M	D	PAM		1818	01
ZS-25-104	POSITION SWITCH	DAMPER D-32 FUEL POOL EXHAUST	NAMCO	BY FIELD	SEE	SERVICE O EQUIP. O		M	D	PAM	3.11-2	1819	01

TAGS INCLUDED: 2HVE-9B ----ZS-25-104
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-FUEL POOL VENT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
ZS-25-105	POSITION SWITCH	DAMPER D-32 FUEL POOL EXHAUST	NAMCO	BY FIELD	SEE	SERVICE OI EQUIP. OI		M	D	PAM		1820	01
ZS-25-106	POSITION SWITCH	DAMPER D-33 FHB VENT SUPPLY	NAMCO	BY FIELD	SEE	SERVICE OI EQUIP. OI		M	D	PAM		1821	01
ZS-25-107	POSITION SWITCH	DAMPER D-33 FHB VENT. SUPPLY	NAMCO	BY FIELD	SEE	SERVICE OI EQUIP. OI		M	D	PAM		1822	01
ZS-25-108	POSITION SWITCH	DAMPER D-34 FHB VENT. SUPPLY	NAMCO	BY FIELD	SEE	SERVICE OI EQUIP. OI		M	D	PAM		1823	01
ZS-25-109	POSITION SWITCH	DAMPER D-34 FHB VENT SUPPLY	NAMCO	BY FIELD	SEE	SERVICE OI EQUIP. OI		M	D	PAM		1824	01
ZS-25-110	POSITION SWITCH	DAMPER D-35 FHB VENT.EXH.	NAMCO	EA-170 SERI ES	SEE	SERVICE OI EQUIP. OI		M	D	PAM		1826	01
ZS-25-111	POSITION SWITCH	DAMPER D-35 FHB VENT.EXH.	NAMCO	BY FIELD	SEE	SERVICE OI EQUIP. OI		M	D	PAM		1827	01
ZS-25-112	POSITION SWITCH	DAMPER D-36 FHB VENT EXH	NAMCO	BY FIELD	SEE	SERVICE OI EQUIP. OI		M	D	PAM		1828	01
ZS-25-113	POSITION SWITCH	DAMPER D-36 FHB VENT EXH	NAMCO	BY FIELD	SEE	SERVICE OI EQUIP. OI		M	D	PAM		1829	01
ZS-25-98	POSITION SWITCH	DAMPER D-29 FUEL POOL INTAKE	NAMCO	BY FIELD	SEE	SERVICE OI EQUIP. OI		M	D	PAM		1935	01
ZS-25-99	POSITION SWITCH	DAMPER D-29 FUEL POOL INTAKE	NAMCO	BY FIELD	SEE	SERVICE OI EQUIP. OI		M	D	PAM		1936	01
FCV-25-29 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVER I ELECTRI	B/M	AB27	598.0I 1539.0I 47.0	D	H	B	RPS ESF	3.112	0449	03

TAGS INCLUDED: ZS-25-105 ----FCV-25-29 PB

SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-HEATING & VENTILATING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FCV-25-30 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	BY BILL OF MATLBY FIEL	AB27	599.0 1539.0 47.0	D	H	B	RPS ESF	3.112	0452	03
FCV-25-31 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M	AB27	597.0 1519.0 47.0	D	H	B	RPS ESF	3.112	0454	03
FCV-25-32 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M	AB27	600.0 1540.0 47.0	D	H	B	RPS ESF	3.112	0456	03
FCV-25-33 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M	AB27	597.0 1519.0 47.0	D	H	B	RPS ESF	3.112	0458	03
FCV-25-34 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI ELECTRI	B/M	AB27	597.0 1519.0 47.0	D	H	B	RPS ESF	3.112	0460	03
HCV-25-6	HAND CONTROL VALVE	ECCS PUMP ROOM DRAIN	WKM/ACF INDUSTRIES	BY FIELD	AB24	546.0 1523.0 5.0	D	H	A			2114	03
ZI-25-17	POSITION INDICATING C	CONTROL ROOM S OUTH ISO. VALV E POSITION		BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP SD PAM	7.5-1	1764	02
ZS-25-119	POSITION SWITCH	ECCS SUPPLY D-4	NAMCO	EA-170 SERI ES SEE REF	AB24	557.0 1485.0 5.0	D	H	A	PAM	3.11-2	0036	03
ZS-25-123	POSITION SWITCH	ECCS SUPPLY D-3	NAMCO	EA-170 SERI ES SEE REF	AB-24	564.0 1486.0 5.0	D	H	A	PAM	3.11-2	0034	03
ZS-25-19	POSITION SWITCH	ECCS SUPPLY D-1	NAMCO	EA-170 SERI ES SEE REF	AB24	581.0 1486.0 5.0	D	H	A	PAM	3.11-2	0030	03
ZS-25-20	POSITION SWITCH	VLV I-FCV25-15 CONT.RM SOUTH O.A.I.	NAMCO	EA-740 SERI ES	SEE	SERVICE * EQUIP. *	E		D	PAM	3.11-2	1838	02
ZS-25-30	POSITION SWITCH	VLV I-FCV25-12 SYSTEM 2HVE-6B	NAMCO	EA740 SERIE S	AB27	602.00 1518.00 43.0	D	H	A	PAM	3.11-2	1849	03

TAGS INCLUDED: FCV-25-30 PB ----ZS-25-30
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-HEATING & VENTILATING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
ZS-25-31	POSITION SWITCH	VLV I-FCV25-12 SYSTEM 2HVE-6B	NAMCO	EA740 SERIES	AB27	602.00 1518.00 43.0	D	H	A	PAM	3.11-2	1850	03
ZS-25-32	POSITION SWITCH	VLV FCV-25-11 SYSTEM 2HVE-6A	NAMCO	EA740 SERIES	AB27	606.00 1537.00 47.0	D	H	A	PAM	3.11-2	1851	03
ZS-25-33	POSITION SWITCH	VLV I-FCV25-11 SYSTEM 2HVE-6A	NAMCO	EA 740 SERIES	AB27	606.00 1537.00 47.0	D	H	A	PAM	3.11-2	1852	03
ZS-25-35	POSITION SWITCH	VLV I-FCV25-13 SYS 2HVE-6A&B	NAMCO	EA740 SERIES	AB27	586.00 1531.00 43.0	D	H	A	PAM	3.11-2	1853	03
ZS-25-60	POSITION SWITCH	VLV I-FCV25-16 CONTROL RM. NORTH O.A.I.	NAMCO CORP.	EA-740 SERIES	SEE	SERVICE * EQUIP. *			D	PAM	3.11-2	1905	02
ZS-25-62	POSITION SWITCH	VLV I-FCV25-17 CONTROL RM. SOUTH O.A.I.	NAMCO CORP.	EA-740 SERIES	SEE	SERVICE * EQUIP. *			D	PAM	3.11-2	1906	02
ZS-25-63	POSITION SWITCH	VLV I-FCV25-17 CONTROL RM. SOUTH O.A.I.	NAMCO CORP.	EA-740 SERIES	SEE	SERVICE * EQUIP. *			D	PAM		1907	01
ZS-25-64	POSITION SWITCH	VLV I-FCV25-18 SYS 2HVE-14	NAMCO CORP.	EA-740 SERIES	SEE	SERVICE * EQUIP. *			D	PAM	3.11-2	1908	02
ZS-25-65	POSITION SWITCH	VLV I-FCV25-18 SYS 2HVE-14	NAMCO CORP.	EA-740 SERIES	SEE	SERVICE * EQUIP. *			D	PAM	3.11-2	1909	02
ZS-25-66	POSITION SWITCH	VLV I-FCV25-19 SYS 2HVE-14	NAMCO CORP.	EA-740 SERIES	SEE	SERVICE * EQUIP. *			D	PAM	3.11-2	1910	02
ZS-25-67	POSITION SWITCH	VLV I-FCV25-19 SYS 2HVE-14	NAMCO CORP.	EA-740 SERIES	SEE	SERVICE * EQUIP. *			D	PAM	3.11-2	1911	02
ZS-25-86	POSITION SWITCH	ECCS ISOL D-7A	NAMCO	EA-170 SERIES SEE REF	AB24	538 1419 5.0	E	H	D	PAM	3.11-2	0037	02

TAGS INCLUDED: ZS-25-31 ----ZS-25-86
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-HEATING & VENTILATING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
ZS-25-89	POSITION SWITCH	VLV I-FCV25-26 H2 PURGE INTAKE	NAMCO	EA-740 SERIES	AB27	609. * 1516. * 45.0	D	H	A	PAM	3.11-2	1929	03
ZS-25-91	POSITION SWITCH	ECCS ISOL D-7B	NAMCO	EA-170 SERIES SEE REF	AB24	5370 1496O 5.0	E	H	D	PAM	3.11-2	0040	02
2HVA/ACC-3A THRMS		LATER		BY FIELD	AB28	576.0 1451.0 66.0	E	M	D			2014	02
2HVA/ACC-3B		LATER		BY FIELD	AB28	561.0 1456.0 62.0	E	M	D			2015	02
2HVA/ACC-3C		LATER		BY FIELD	AB28	546.0 1456.0 62.0	E	M	D			2016	02
2HVE-10B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI I ELECTRI	B/M C10-2A	AB27	545.0 1520.0 46.0	D	H	B	RPS ESF	3.112	1790	03
2HVE-6A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI I ELECTRI	B/M	AB27	571.0 1540.0 43.0	D	H	B	RPS ESF	3.112	1794	03
2HVE-6B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI I ELECTRI	B/M	AB27	571.0 1519.0 43.0	D	H	B	RPS ESF	3.112	1795	03
2HVE-9A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI I ELECTRI	B/M	AB27	543.0 1523.0 43.0	D	H	B	RPS ESF	3.112	1797	03
2HVE-9B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BROWN-BOVERI I ELECTRI	B/M	AB27	573.0 1561.0 43.0	E	M	B	RPS ESF	3.112	1799	03
FS-25-7A	FLOW SWITCH	ANNUNCIATE FLOW FAILURE OF FAN 2HVS-2A	HENRY G DIETZ	171-D8WC-S	RB16	686.0 1441.0 45.0	A	H	C		7.5-	0613	02
FS-25-7B	FLOW SWITCH	ANNUNCIATE FLOW OF FAN 2HVS-2B	HENRY G DIETZ	171-D8WC-S	RB16	686.0 1438.0 45.0	A	H	C		7.5-	0614	02

TAGS INCLUDED: ZS-25-89 ----FS-25-7B
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-REACTOR CAV. COOLING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
TR-25-1A	FLOW RECORDING	CONT COOLING FAN 2HVS-1A COOLING COIL INLE	WESTRONICS	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	ESF	7.5-1	1567	01
TR-25-1B	FLOW RECORDING	CONT COOLING FAN 2HVS 1C COOLING COIL INLE	WESTRONICS	BY FIELD					D	ESF	7.5-1	1574	01
2HVS-2A		REACTOR SUPPORT & CAVITY COOLING FAN		BY FIELD	RB16	690.0 1440.0 45.0	A	H	C		3.112	1804	02
2HVS-2B		REACTOR SUPPORT & CAVITY COOLING FAN		BY FIELD	RB16	688.0 1440.0 45.0	A	H	C		3.112	1805	02
FS-25-5A	FLOW SWITCH	ANNUNCIATE FLOW FAILURE OF FAN 2HVE-3B	HENRY G DIETZ	171-D8WC-S	RB15	735.0 1465.0 24.0	A	H	C		7.5-	0609	02
FS-25-5B	FLOW SWITCH	ANNUNCIATE FLOW FAILURE OF FAN 2HVE-3B	HENRY G DIETZ	171-D8WC-S	RB15	739.0 1463.0 24.0	A	H	C		7.5-	0610	02
TR-25-1A	FLOW RECORDING	CONT COOLING FAN 2HVS-1A COOLING COIL INLE	WESTRONICS	BY FIELD					D	ESF	7.5-1	1570	01
TR-25-1B	FLOW RECORDING	CONT COOLING FAN 2HVS 1C COOLING COIL INLE	WESTRONICS	BY FIELD					D		7.5-1	1576	01
EHC-2HVE-6A1	ELECTRIC HEATING	HUMIDTY CONTRL FOR SBVS	WATLOW	1.5/30KW	AB27	595 1535 43	D	H	A	ESF	7.5-1	0781	03
EHC-2HVE-6A2	ELECTRIC HEATING	HUMIDTY CONTRL FOR SBVS	WATLOW	1.5/30KW	AB27	594 1515 43	D	H	A	ESF	7.5-1	2003	03
EHC-2HVE-6B1	ELECTRIC HEATING	HUMIDTY CONTRL FOR SBVS	WATLOW	1.5/30KW	AB27	590 1515 43	D	H	A	ESF	7.5-1	2004	03
EHC-2HVE-6B2	ELECTRIC HEATING	HUMIDTY CONTRL FOR SBVS	WATLOW	1.5/30KW	AB27	595 1535 43	D	H	A	ESF	7.5-1	2005	03

TAGS INCLUDED: TR-25-1A ----EHC-2HVE-6B2
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-SHIELD BLDG. VENT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FCV-25-11		SBVS ISOLATION	LIMITORQUE	BY FIELD	AB27	606.0 1537.0 47.0	D	H	A		1.9A.1	0430	03
FCV-25-12		SBVS ISOLATION	LIMITORQUE	BY FIELD	AB27	602.0 1518.0 43.0	D	H	A		1.9A.1	0432	03
FCV-25-13		LATER	LIMITORQUE	BY FIELD	AB27	586.0 1531.0 43.0	D	H	A		MRL	0434	03
FCV-25-29		H2 CONT PURGE OPEN(RM)	LIMITORQUE	BY FIELD	AB27	611.0 1521.0 47.0	D	H	A	SD	MRL 10	0448	03
FCV-25-30		SFP EXHAUST CLOSE(CIAS)	LIMITORQUE	BY FIELD	AB27	609.0 1532.0 47.0	D	H	A	ESF	MRL 10	0451	03
FCV-25-31		SFP EXHAUST CLOSE(CIAS)	LIMITORQUE	BY FIELD	AB27	604.0 1515.0 47.0	D	H	A	ESF	MRL 10	0453	03
FCV-25-32		SBVS INLET OPEN(CIAS)	LIMITORQUE	BY FIELD	AB27	612.0 1527.0 47.0	D	H	A	ESF	MRL 10	0455	03
FCV-25-33		SBVS INLET OPEN(CIAS)	LIMITORQUE	BY FIELD	AB27	608.0 1511.0 47.0	D	H	A	ESF	MRL 10	0457	03
FCV-25-34		H2 CONT PURGE OPEN(RM)	LIMITORQUE	BY FIELD	AB27	612.0 1523.0 47.0	D	H	A	SD	MRL 10	0459	03
FF-25-20A1	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	50ES3202		******** ******** ******			D		MRL	0504	01
FF-25-20A2	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	BY FIELD	AB 26	CONTROL * ROOM *	C	M	D		MRL	0505	01
FF-25-20B1	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	BY FIELD	AB26	CONTROL * ROOM *	C	M	D		MRL	0506	01

TAGS INCLUDED: FCV-25-11 ----FF-25-20B1

SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-SHIELD BLDG. VENT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FF-25-20B2	FLOW SUMMER IZER	LATER	FISCHER & P ORTER	BY FIELD	AB26	CONTROL * ROOM *	C	M	D		MRL	0507	01
FIC-25-20A1	FLOW INDICA TING CONTR	SHIELD BLDG VE INT-FLOU TRAIN A	FISCHER & P ORTER	53-EG-3311	AB26	547.0 1408.0 62.0	E	M	D	ESF	17.5-1	0555	01
FIC-25-20B1	FLOW INDICA TING CONTR	SHIELD BLDG VE INT-FLOW TRAIN B	FISCHER & P ORTER	53-EG-3311	AB26	547.0 1408.0 62.0	E	M	D	ESF	17.5-1	0556	01
FIS-25-20A1	FLOW INDICA TG SWITCH	SHIELD BLDG EX HAUSTFLOW A		BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	ESF PAM	17.5-1	0562	01
FIS-25-20B1	FLOW INDICA TG SWITCH	SHIELD BLDG EX HAUSTFLOW B		BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	ESF PAM	17.5-1	0563	01
FR-25-1A	FLOW RECORD ING	CONT ROOM EMER G FILTRATION S YSTEM TRAIN B	WESTRONICS	BY FIELD					D	PAM	17.5-1	0577	01
FR-25-1B	FLOW RECORD ING	CONTROL ROOM A /C EMERG FILTE R SYSTEM TRAIN	WESTRONICS	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	PAM	17.5-1	0578	01
FS-25-20A2	FLOW SWITCH	STARTS FAN 2HV E-6B	HENRY G DIE TZ	171-D8WC-S		********* ********* ******			D		17.5-	0602	01
FS-25-20B2	FLOW SWITCH	STARTS FAN 2HV E-6A	HENRY G DIE TZ	171-D8WC-S		********* ********* ******			D		17.5-	0603	01
FT-25-20A1	FLOW TRANSMI ITTER	SHIELD BLDG VE INT SYSTEM 2HVE -6A	AIR MONITOR CORP	BY FIELD	AB27	582.0 1529.0 43.0	D	H	D		MRL	0662	02
FT-25-20A2	FLOW TRANSMI ITTER	SHIELD BLDG VE INT SYSTEM 2HVE -6A	AIR MONITOR CORP	BY FIELD	AB27	582.0 1515.0 43.0	D	H	D		MRL	0663	02
FT-25-20B1	FLOW TRANSMI ITTER	SHIELD BLDG VE INT SYSTEM 2HVE -6B	AIR MONITOR ING CORP	BY FIELD	AB27	582.0 1515.0 43.0	D	H	D		MRL	0664	02

TAGS INCLUDED: FF-25-20B2 ----FT-25-20B1
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-SHIELD BLDG. VENT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FT-25-20B2	FLOW TRANSMITTER	SHIELD BLDG VENT SYSTEM 2HVE6B	AIR MONITOR CORP	BY FIELD	AB27	582.0 1529.0 43.0	D	H	D		MRL	0665	02
HCV-25-7	HAND CONTROL VALVE	ECCS PUMP ROOM DRAIN	WKM/ACF INDUSTRIES	BY FIELD	AB24	557.0 1537.0 5.0	D	H	A			2115	03
MV-09-09		ANNUNCIATE FLOW FAILURE OF FAN 2HVS-7	HENRY G DIETZ	171-D8-WCS-B/M-C10	FH21	636.0 1583.0 50.0	F	M	D		7.5-	0608	01
PDIS-25-7A	PRESS DIFFER'TL INDICA	ANNULUS TO OUTSIDE P	SIGMA	BY FIELD	AB27	519.0 1391.0 43.0	E	M	D	ESF	7.5-1	1132	01
PDIS-25-7B	PRESS DIFFER'TL INDICA	ANNULUS TO OUTSIDE P	SIGMA	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	ESF	7.5-1	1133	01
PDIS-25-8A	PRESS DIFFER'TL INDICA	SHIELD BLDG HEPA FILTER DP	SIGMA	BY FIELD					D		7.5-1	1135	01
PDIS-25-8A	PRESS DIFFER'TL INDICA	SHIELD BLDG HEPA FILTER DP	SIGMA	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	ESF	7.5-1	1134	01
PDIS-25-8B	PRESS DIFFER'TL INDICA	SHIELD BLDG HEPA FILTER DP	SIGMA	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	ESF	7.5-1	1136	01
PDS-25-7A	PRESS DIFFER'TL SOLENO	SHEILD BLDG. VENT SYST.FOR D-23 AND	ROCHESTER	ET 215V	AB26	581.0 1403.0 62.0	E	M	D			1143	01
PDS-25-7B	PRESS DIFFER'TL SOLENO	SHIELD BLDG. VENT SYST. FOR D-24 AND	ROCHESTER	ET 215V	AB26	581.0 1403.0 62.0	E	M	D			1144	01
PDT-25-14A	DIFF. PRESSURE TRANSMI	2HVE-6A CHARCOAL ABSORBER DIFF PRESS	ROSEMOUNT	1153DB3/ 333416	AB27	582.0 1529.0 43.0	D	H	A	RPS ESF	7.3-2	1157	03
PDT-25-14B	DIFF PRESS TRANSMI	TRANSMIT CHAR-COAL ABSORBER PRESSURE DROP	ROSEMOUNT	1153DB3/ 333415	AB27	582.0 1515.0 43.0	D	H	A	RPS ESF	7.3-2	1158	03

TAGS INCLUDED: FT-25-20B2 ----PDT-25-14B

.SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-SHIELD BLDG. VENT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PR-25-1B	FLOW RECORDING	CONTROL ROOM TRAIN B PRE HEPA FILTER	WESTRONICS	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	AUXSUP	7.5-1	1276	01
TR-25-2A	FLOW RECORDING	SHIELD BUILD VENT SYSTEM PRE HEPA FILTER	WESTRONICS	BY FIELD					D	ESF	7.5-1	1579	01
TR-25-2A	FLOW RECORDING	SHIELD BUILD VENT SYSTEM PRE HEPA FILTER	WESTRONICS	BY FIELD	AB26	547.0 1408.0 62.0	E	M	D	ESF	7.5-1	1577	01
TR-25-2A	FLOW RECORDING	SHIELD BUILD VENT SYSTEM PRE HEPA FILTER	WESTRONICS	BY FIELD					D	ESF	7.5-1	1578	01
TR-25-2B	FLOW RECORDING	SHIELD BUILD VENT SYSTEM PRE HEPA FILTER	WESTRONICS	BY FIELD					D	ESF	7.5-1	1584	01
TR-25-2B	FLOW RECORDING	SHIELD BUILD VENT SYSTEM PRE HEPA FILTER	WESTRONICS	BY FIELD					D	AUXSUP	7.5-1	1586	01
ZS-25-50	POSITION SWITCH	ID-16	NAMCO	EA-170 SERIES SEE REF	AB27	577. 0 1513. 0 20.0	E	H	A	PAM	3.11-2	1878	03
ZS-25-52	POSITION SWITCH	ID-13	NAMCO	EA-170 SERIES SEE REF	AB27	557. 0 1535. 0 53.0	D	H	A	PAM	3.11-2	1880	03
ZS-25-53	POSITION SWITCH	ID-13	NAMCO	EA-170 SERIES SEE REF	AB27	557. 0 1533. 0 53.0	D	H	A	PAM	3.11-2	1883	03
ZS-25-54	POSITION SWITCH	ID-14	NAMCO	EA-170 SERIES SEE REF	AB27	546. 0 1533. 0 53.0	D	H	A	PAM	3.11-2	1886	03
ZS-25-55	POSITION SWITCH	ID-14	NAMCO	EA-170 SERIES SEE REF	AB27	546. 0 1535. 0 53.0	D	H	A	PAM	3.11-2	1889	03
ZS-25-56	POSITION SWITCH	ID-15	NAMCO	EA-170 SERIES SEE REF	AB27	583. 0 1568. 0 53.0	D	H	A	PAM	3.11-2	1892	03

TAGS INCLUDED: PR-25-1B ----ZS-25-56
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-SHIELD BLDG. VENT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
ZS-25-57	POSITION SWITCH	ID-15	NAMCO	EA-170 SERI ES SEE REF	AB27	583. O 1569. O 53.0	D	H	A	PAM	3.11-2	1895	03
ZS-25-58	POSITION SWITCH	ID-16	NAMCO	EA-170 SERI ES SEE REF	AB27	584.O 1575. O 53.0	E	H	A	PAM	3.11-2	1898	03
ZS-25-58	POSITION SWITCH	ID-16 .	NAMCO	EA-170 SERI ES SEE REF	AB27	584.O 1575. O 53.0	D	H	A	PAM	3.11-2	0098	03
ZS-25-74	POSITION SWITCH	VLV I-FCV25-33 SYS 2HVE-6B	NAMCO	EA-740 SERI ES	AB27	608 * 1511 * 47.0	D	H	A	PAM	3.11-2	1915	03
ZS-25-75	POSITION SWITCH	VLV I-FCV25-33 SYS 2HVE-6A	NAMCO	EA-740 SERI ES	AB27	608 * 1511 * 47.0	D	H	A	PAM	3.11-2	1916	03
ZS-25-76	POSITION SWITCH	VLV I-FCV25-32 SYS 2HVE-6A	NAMCO	EA-740 SERI ES	AB27	612 * 1527 * 47.0	D	H	A	PAM	3.11-2	1917	03
ZS-25-77	POSITION SWITCH	VLV I-FCV25-32 SYS 2HVE-6A	NAMCO	EA-740 SERI ES S/N-261	AB27	612 * 1527 * 47.0	D	H	A	PAM	3.11-2	1918	03
ZS-25-78	POSITION SWITCH	VLV I-FCV25-31 SYS 2HVE-6B	NAMCO	EA-740 SERI ES	AB27	604 * 1515 * 47.0	D	H	A	PAM	3.11-2	1919	03
ZS-25-79	POSITION SWITCH	VLV I-FCV25-31 SYS 2HVE-6B	NAMCO	EA-740 SERI ES	AB27	604 * 1515 * 47.0	D	H	A	PAM	3.11-2	1920	03
ZS-25-80	POSITION SWITCH	VLV I-FCV25-30 SYS 2HVE-6A	NAMCO	EA-740 SERI ES	AB27	609 * 1532 * 47.0	D	H	A	PAM	3.11-2	1922	03
ZS-25-81	POSITION SWITCH	VLV I-FCV25-30 SYS 2HVE-6A	NAMCO	EA-740 SERI ES S/N-262	AB27	609 * 1532 * 47.0	D	H	A	PAM	3.11-2	1923	03
ZS-25-82	POSITION SWITCH	VLV I-FCV25-29 SYS 2HVE-6B	NAMCO	EA-740 SERI ES	AB27	611 * 1521 * 47.0	D	H	A	PAM	3.11-2	1924	03

TAGS INCLUDED: ZS-25-57 ZS-25-82
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 25-SHIELD BLDG. VENT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
ZS-25-83	POSITION SWITCHCH	VLV I-FCV25-29 SYS 2HVE-6B	NAMCO	EA-740 SERI ES S/N-298	AB27	611* 1521* 47.0	D	H	A	PAM	3.11-2	1925	03
ZS-25-84	POSITION SWITCH	VLV I-FCV25-34 SYS 2HVE-6A	NAMCO	EA-740 SERI ES S/N-298	AB27	612 * 1523 * 47.0	D	H	A	PAM	3.11-2	1926	03
ZS-25-85	POSITION SWITCH	VLV I-FCV25-34 SYS 2HVE-6A	NAMCO	EA-740 SERI ES	AB27	612.0 * 1523.0 * 47.0	D	H	A	PAM	3.11-2	1927	03
2HVE-6A	FAN MOTOR	SHIELD BLDG. VENT SYSTEM FANS	WESTINGHOUS E	L-987971 7905-01	AB27	571.0 1534.0 43.0	D	H	A ESF	CMM	0142	03
2HVE-6B	FAN MOTOR	SHIELD BLDG. VENT SYSTEM FANS	WESTINGHOUS E	L-987971 7905-01	AB27	570.0 1512.0 43.0	D	H	A ESF	CMM	0143	03
FCV-25-18	FLOW CONTRO L VALVE	TOILET EXHST CLOSE(CIAS)	LIMITORQUE	BY FIELD	AB28	533.0 1389.0 62.0	E	M	D	ESF	MRL 10	0440	01
FCV-25-19	FLOW CONTRO L VALVE	TOILET EXHST CLOSE(CIAS)	LIMITORQUE	BY FIELD	AB28	533.0 1391.0 62.0	E	M	D	ESF	MRL 10	0441	01
FCV-25-24	FLOW CONTRO L VALVE	KITCHEN EXHST CLOSE(CIAS)		BY FIELD	AB28	535.0 1390.0 62.0	E	M	D		3.9-10	0445	01
FCV-25-25	FLOW CONTRO L VALVE	KITCHEN EXHST CLOSE(CIAS)		BY FIELD	AB28	535.0 1394.0 62.0	E	M	D	ESF	3.9-10	0446	01

SYSTEM # & NAME: 26-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
RIS-26-4-2B	RAD INDICAT OR	CONTAINMENT RA DIATION	SIGMA	9262X	AB26	581.0 1403.0 62.0	E	M	D	ESF	7.5-1	1436	02
RIS-26-5-2C	RAD INDICAT OR	HIGH CONTAINMN T RAD	SIGMA	9262X	AB26	581.0 1403.0 62.0	E	M	D	ESF	7.5-1	1437	02
RIS-26-6-2D	RAD INDICAT OR	HIGH CONTAINMN T RAD	SIGMA	9262X	AB26	581.0 1403.0 62.0	E	M	D	ESF	7.5-1	1438	02
FCV-26-02	CONTROL VAL VE	LATER	ASCO/NAMCO	BY FIELD					A		3.9-10	0050	03
FCV-26-04	CONTROL VAL VE	LATER	ASCO/NAMCO	BY FIELD					A		3.9-10	0049	03
FCV-26-1	CONTROL VAL VE	RAD MONIT ISOL CLOSES(CIAS)	ASCO/NAMCO	S:NP8344A75 E LS:EA18	RB15	627.0 1534.0 18.0	A	H	A	ESF	3.9-10	0466	03
FCV-26-2	CONTROL VAL VE	RAD MONIT ISOL CLOSES(CIAS)	ASCO/NAMCO	LS:EA180	AB25	619.0 1538.0 20.0	D	H	A	MRL	0467	03
FCV-26-3	CONTROL VAL VE	ISOLATION	ASCO/NAMCO (REF. 3	LS:EA180 (REF 3)	RB15	626.0 1533.0 18.0	A	H	A		3.9-10	0045	03
FCV-26-4	CONTROL VAL VE	RAD MONIT ISOL CLOSES(CIAS)	ASCO/NAMCO	LS:EA180	AB25	620.0 1539.0 20.0	D	H	A	MRL	0469	03
FCV-26-5	CONTROL VAL VE	RAD MONIT ISOL CLOSES(CIAS)	ASCO/NAMCO	LS:EA180 (REF 2,	RB15	628.0 1535.0 18.0	A	H	A	MRL	0470	03
FCV-26-5	CONTROL VAL VE	LATER	ASCO/NAMCO	BY FIELD					A		3.9-10	0046	03
FCV-26-6	CONTROL VAL VE	LATER	ASCO/NAMCO	BY FIELD					A		3.9-10	0051	03

TAGS INCLUDED: RIS-26-4-2B ----FCV-26-6
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 26-RADIATION MONITORING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FCV-26-6	CONTROL VALVE	RAD MONIT ISOL CLOSES(CIAS)	ASCO/NAMCO	BY FIELD	AB25	618.0 1537.0 20.0	D	H	A	ESF	3.9-10	0471	03
RD-26-3	RADIATION DETECTOR	RADIATION LEVEL MONITORING	GENERAL ATOMIC	RD-8	RB17	755.0 1502.0 90.0	A	H	A		7.3-1	1426	03
RD-26-4	RADIATION DETECTOR	RADIATION LEVEL MONITORING	GENERAL ATOMIC	RD-8	RB17	688.0 1433.0 90.0	A	H	A		7.3-1	1427	03
RD-26-40	RADIATION DETECTOR	RADIATION LEVEL MONITORING	GENERAL ATOMIC	RD-23	RB17	755 1502 90	A	H	A		MRL	0018	03
RD-26-41	RADIATION DETECTOR	RADIATION LEVEL MONITORING	GENERAL ATOMIC	RD-23	RB17	755 1502 90	A	H	A		MRL	0019	03
RD-26-5	RADIATION DETECTOR	RADIATION LEVEL MONITORING	GENERAL ATOMIC	RD-8	RB17	617.0 1498.0 90.0	A	H	A		7.3-1	1428	03
RD-26-6	RADIATION DETECTOR	RADIATION LEVEL MONITORING	GENERAL ATOMIC	RD-8	RB17	685.0 1570.0 90.0	A	H	A		7.3-1	1429	03
RIS-26-3-2A	RAD INDICATOR	HIGH CONTAINMNT RAD	SIGMA	9262X	AB26	581.0 1403.0 62.0	E	M	D	ESF	7.5-1	1435	02

SYSTEM # & NAME: 27-HYDROGEN SAMPLING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
FSE-27-10	FLOW SOLENO ID	CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2	VALCOR ENGINEERING CO.	V52600-515/10	RB15	619.0 1487.0 20.0	A	H	A	ESF	13.9-10	0617	03
FSE-27-11	FLOW SOLENO ID	CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2	VALCOR ENGINEERING CO.	V52600-515/11	RB15	619.0 1488.0 20.0	A	H	A	ESF	13.9-10	0618	03
FSE-27-12	FLOW SOLENO ID	CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2	VALCOR ENGINEERING CO.	V52600-515	RB15	630.0 1542.0 34.0	A	H	A	ESF	13.9-10	0619	03
FSE-27-13	FLOW SOLENO ID	CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2	VALCOR ENGINEERING CO.	V52600-515/13	RB15	628.0 1538.0 34.0	A	H	A	ESF	13.9-10	0620	03
FSE-27-14	FLOW SOLENO ID	CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2	VALCOR ENGINEERING CO.	V52600-515	RB15	629.0 1540.0 34.0	A	H	A	ESF	13.9-10	0621	03
FSE-27-15	FLOW SOLENO ID	CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2	VALCOR ENGINEERING CO.	V52600-515/15	AB25	609.0 1491.0 20.0	D	H	A	ESF	13.9-10	0622	03
FSE-27-16	FLOW SOLENO ID	CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2	VALCOR ENGINEERING CO.	V52600-515/16	AB25	609.0 1493.0 20.0	D	H	A	ESF	13.9-10	0623	03
FSE-27-17	FLOW SOLENO ID	CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2	VALCOR ENGINEERING CO.	V52600-515/17	AB25	612.0 1515.0 26.0	D	H	A	ESF	13.9-10	0624	03
FSE-27-18	FLOW SOLENO ID	CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2	VALCOR ENGINEERING CO.	V52600-515/18	AB25	612.0 1515.0 26.0	D	H	A	ESF	13.9-10	0625	03
FSE-27-8	FLOW SOLENO ID	CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2	VALCOR ENGINEERING CO.	V52600-515/8	RB15	619.0 1485.0 20.0	A	H	A	ESF	13.9-10	0626	03
FSE-27-9	FLOW SOLENO ID	CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2	VALCOR ENGINEERING CO.	V52600-515/9	RB15	619.0 1486.0 20.0	A	H	A	ESF	13.9-10	0627	03
H2 ANLR SAMPLE PUMP MOTOR	SAMPLE PUMP MOTOR	H2 ANALYZER SYSTEM TO PROVIDE POST DBA	RELIANCE ELEC.	1YF882640A2 ONE	AB25	582.0 1484.0 20.0	D	M	A	ESF	16.2-62	1951	03

TAGS INCLUDED: FSE-27-10 ----H2 ANLR SAMPLE
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 27-HYDROGEN SAMPLING

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
H2 ANLR SYSTEM	H2 ANALYZER SYSTEM	H2 ANALYZER SYSTEM TO PROVIDE POST DBA	COMSIP INC.	K-III/K-IV	AB25	577.0 1517.0 20.0	D	M	A	ESF	6.2-62	1938	03
H2 RMB 2A	HYDROGEN RECOM-BINER	LIMITS BUILD-UP OF FREE HYDROGEN	WESTINGHOUSE	MODEL B 21	RB17	736.0 1518.0 62.0	A	H	A	ESF	6.2.5.	1941	03
H2 RMB 2B	HYDROGEN RECOM-BINER	LIMITS BUILD-UP OF FREE HYDROGEN	WESTINGHOUSE	MODEL B 22	RB17	638.0 1516.0 62.0	A	H	A	ESF	6.2.5.	1944	03

SYSTEM # & NAME: 38-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
CCW P 2B	PUMP MOTOR	COMPONENT COOLING WATER PUMP 2B	GENERAL ELECTRIC COMPA	SK828840C81	CCO2	646.0 1698.0 12.0	H M	D		17.3-2	0176	01

SYSTEM # & NAME: 50-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
MCC 2AB-AF	MOTOR CONTROL CENTER	480V AC NOM PWR	GENERAL ELECTRIC COMPA	IC7700	AB26	596.0 1411.0 43.0	E	M	D	AUXSUP	3.112	0945	01
PP 201 XFMR	TRANSFORMER	CL IE PWR	SQUARE D CO	148722	AB26	589.0 1434.0 43.0	E	M	D		3.112	1250	02
PP 202	AC/DC PANELS	LATER	SYSTEMS CONTROL	BY FIELD	AB26	544.0 1414.0 43.0	E	M	D		3.112	1251	02
PP 202 XFMR		LATER	SQUARE D CO	148722	AB26	552.0 1416.0 43.0	E	M	D		3.112	1252	02
PP 203	AC/DC PANELS	LATER	SYSTEMS CONTROL	BY FIELD	AB26	591.0 1388.0 43.0	E	M	D		3.112	1253	02
PP 203 XFMR		LATER	SQUARE D CO	148722	AB26	594.0 1389.0 50.0	E	M	D		3.112	1254	02
PP 206	AC/DC PANELS	LATER	SYSTEMS CONTROL	BY FIELD	AB27	586.0 1459.0 46.0	E	M	D		3.112	1255	02
PP 211	AC/DC PANELS	LATER	SYSTEMS CONTROL	BY FIELD	DG01	514.0 1699.0 28.0	G	M	D		3.112	1256	02
PP 211 XFMR		LATER	SQUARE D CO	148722	DG01	514.0 1699.0 30.0	G	M	D		3.112	1257	02
PP 212	AC/DC PANELS	LATER	SYSTEMS CONTROL	BY FIELD	DG01	482.0 1699.0 28.0	G	M	D		3.112	1258	02
PP 212 XFMR		LATER	SQUARE D CO	148722	DG01	482.0 1699.0 30.0	G	M	D		3.112	1259	02
PP 223	AC/DC PANELS	LATER	SYSTEMS CONTROL	BY FIELD	AB26	545.0 1428.0 46.0	E	M	D		3.112	1260	02

TAGS INCLUDED: MCC 2AB-AF ----PP 223
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 50-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES-#	REV #
PP 232	AC/DC PANELS	LATER	SYSTEMS CONTROL	BY FIELD	AB26	545.0 1430.0 46.0	E	M	D		3.112	1261	02
PP 233	AC/DC PANELS	LATER	SYSTEMS CONTROL	BY FIELD	AB26	573.0 1397.0 46.0	E	M	D		3.112	1262	02
PP 238	AC/DC PANELS	LATER	SYSTEMS CONTROL	BY FIELD	AB26	598.0 1441.0 48.0	E	M	D		3.112	1263	02
PP 239	AC/DC PANELS	LATER	SYSTEMS CONTROL	BY FIELD	AB26	545.0 1407.0 43.0	E	M	D		3.112	1264	02
PP 240	AC/DC PANELS	LATER	SYSTEMS CONTROL	BY FIELD	AB26	545.0 1426.0 47.0	E	M	D		3.112	1265	02
PP 243	AC/DC PANELS	LATER	SYSTEMS CONTROL	BY FIELD	AB27	588.0 1459.0 46.0	E	M	D		3.112	1266	02
PP 250	AC/DC PANELS	LATER	SYSTEMS CONTROL	BY FIELD	FH21	632.0 1599.0 54.0	F	M	D		3.112	1267	02
PP 250 XFMR		LATER	SQUARE D CO	148722	FH21	632.0 1599.0 57.0	F	M	D		3.112	1268	02
PP 251	AC/DC PANELS	LATER	SYSTEMS CONTROL	BY FIELD	FH21	634.0 1620.0 54.0	F	M	D		3.112	1269	02
PP 251 XFMR		LATER	SQUARE D CO	148722	FH21	634.0 1620.0 57.0	F	M	D		3.112	1270	02
REAC TRIP SWGR 01	CONTROL ROD POWER	OPEN CNTRL RDS		BY FIELD	AB26	575.0 1428.0 43.0	E	M	D	RPS	CE-M2	1430	01
REAC TRIP SWGR 03	REACTOR TRIP SWGR	DROP CNTRL RDS	CE	BY FIELD	AB26	579.0 1428.0 43.0	E	M	D	RPS	CE-M2	1432	02

TAGS INCLUDED: PP 232 ----REAC TRIP SWGR
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 50-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
REAC TRIP SWGR 04	REACTOR TRIP SWGR	DROP CNTRL RDS	CE	BY FIELD	AB26	581.0 1428.0 43.0	E	M	D	RPS	CE-M2	1433	02
REAC TRIP SWGR 05	REACTOR TRIP SWGR	DROP CNTRL RDS	CE	BY FIELD	AB26	583.0 1428.0 43.0	E	M	D	RPS	CE-M2	1434	02
SWGR 2AB-1A	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	I-T-E IMPERIAL	BY FIELD	AB25	574.0 1494.0 28.0	E	M	D		CE-M2	1473	01
SWGR 2AB-1B TB N1	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER		BY FIELD	AB25	574.0 1493.0 26.0	E	M	D		CE-M2	1474	01
SWGR 2AB-1C TB N2	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER		BY FIELD	AB25	574.0 1493.0 24.0	E	M	D		CE-M2	1475	01
SWGR 2AB-1D TB N3	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER		BY FIELD	AB25	574.0 1493.0 22.0	E	M	D		CE-M2	1476	01
SWGR 2AB-2 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB25	560.0 1495.0 20.0	E	M	D		CE-M2	1477	01
SWGR 2AB-2 480V	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	I-T-E IMPERIAL	BY FIELD	AB25	574.0 1496.0 20.0	E	M	D		CE-M2	1478	01
SWGR 2AB-2A TB 2A	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER		BY FIELD	AB25	574.0 1497.0 28.0	E	M	D		CE-M2	1479	01
SWGR 2AB-2B TB N4	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER		BY FIELD	AB25	574.0 1497.0 26.0	E	M	D		CE-M2	1480	01
SWGR 2AB-2C TB N5	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER		BY FIELD	AB25	574.0 1497.0 24.0	E	M	D		CE-M2	1481	01
SWGR 2AB-3 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB25	560.0 1497.0 20.0	E	M	D		CE-M2	1482	01

TAGS INCLUDED: REAC TRIP SWGR ----SWGR 2AB-3 4KV
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 50-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
SWGR 2AB-4 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB25	560.0 1500.0 20.0	E	M	D		CE-M2	1483	01
SWGR 2AB-5 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB25	560.0 1502.0 20.0	E	M	D		CE-M2	1484	01
SWGR 2A3-10 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	545.0 1475.0 43.0	E	M	D		CE-M2	1494	01
SWGR 2A3-2 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	562.0 1475.0 43.0	E	M	D		CE-M2	1497	01
SWGR 2A3-3 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	560.0 1475.0 43.0	E	M	D		CE-M2	1498	01
SWGR 2A3-5 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	556.0 1475.0 43.0	E	M	D		CE-M2	1499	01
SWGR 2A3-6 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	554.0 1475.0 43.0	E	M	D		CE-M2	1500	01
SWGR 2A3-7 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	552.0 1475.0 43.0	E	M	D		CE-M2	1501	01
SWGR 2A3-8 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	549.0 1475.0 43.0	E	M	D		CE-M2	1502	01
SWGR 2A3-9 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	547.0 1475.0 43.0	E	M	D		CE-M2	1503	01
SWGR 2B2-2 480V	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	I-T-E IMPERIAL	BY FIELD	AB27	508.0 1448.0 43.0	E	M	D		CE-M2	1505	01
SWGR 2B2-5 480V	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	I-T-E IMPERIAL	BY FIELD	AB27	515.0 1448.0 43.0	E	M	D		CE-M2	1507	01

TAGS INCLUDED: SWGR 2AB-4 4KV ----SWGR 2B2-5 480V
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 50-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X.Y.Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
SWGR 2B2-7 480V	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	I-T-E IMPERIAL	BY FIELD	AB27	520.0 1448.0 43.0	E	M	D		CE-M2	1509	01
SWGR 2B3-1 4KV(4.1KV SWITCHGEA	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	517.0 1475.0 43.0	E	M	D		CE-M2	1510	01
SWGR 2B3-10 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	498.0 1475.0 43.0	E	M	D		CE-M2	1511	01
SWGR 2B3-11 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	496.0 1475.0 43.0	E	M	D		CE-M2	1512	01
SWGR 2B3-12 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	493.0 1475.0 43.0	E	M	D		CE-M2	1513	01
SWGR 2B3-4 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	510.0 1475.0 43.0	E	M	D		CE-M2	1514	01
SWGR 2B3-5 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	509.0 1475.0 43.0	E	M	D		CE-M2	1515	01
SWGR 2B3-6 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	506.0 1475.0 43.0	E	M	D		CE-M2	1516	01
SWGR 2B3-7 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	504.0 1475.0 43.0	E	M	D		CE-M2	1517	01
SWGR 2B3-8 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	502.0 1475.0 43.0	E	M	D		CE-M2	1518	01
SWGR 2B3-9 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	500.0 1475.0 43.0	E	M	D		CE-M2	1519	01
PP 201	AC/DC PANELS	CL IE PWR	SYSTEMS CONTROL	BY FIELD	AB26	599.0 1434.0 43.0	E	M	D		3.112	1249	02

TAGS INCLUDED: SWGR 2B2-7 480V----PP 201
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 50-INTERRUPTIBLE POWER

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
REAC TRIP SWGR 02	REACTOR TRIP SWGR	DROP CNTRL RDS	CE	BY FIELD	AB26	577.0 1428.0 43.0	E	M	D	RPS	CE-M2	1431	02
STA SERV XFMR 2A2	4.16KV-480V XFRM	CL IE PWR	GOULD/ITE	10KVA	AB27	574.0 1473.0 43.0	E	M	D	AUXSUP	3.112	1463	01
STA SERV XFMR 2B2	4.16KV-480V XFMR	CL IE PWR	GOULD/ITE	10KVA	AB27	502.0 1447.0 43.0	E	M	D	AUXSUP	3.112	1465	01
SWGR 2AB-1 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	25-Y-8370/71	AB25	560.0 1493.0 20.0	E	M	D		CE-M2	1471	01
SWGR 2AB-1 480V	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	I-T-E IMPERIAL	K600	AB25	574.0 1494.0 20.0	E	M	D		CE-M2	1472	01
SWGR 2A3-1 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	565.0 1475.0 43.0	E	M	D		CE-M2	1493	01
SWGR 2A3-11 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	543.0 1475.0 43.0	E	M	D		CE-M2	1495	01
SWGR 2A3-12 4KV	POWER SYSTEM	CLASS 1E SAFETY CLASS;PROVIDE AC POWER	WESTINGHOUSE	BY FIELD	AB27	541.0 1475.0 43.0	E	M	D		CE-M2	1496	01

SYSTEM # & NAME: 51-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
MCC 2AB-BR	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB26	595.0 1409.0 43.0	E	M	D	AUXSUP	3.112	0947	02
MCC 2AB-CF	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB26	593.0 1411.0 43.0	E	M	D	AUXSUP	3.112	0948	02
MCC 2AB-CR	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB26	593.0 1409.0 43.0	E	M	D	AUXSUP	3.112	0949	02
MCC 2AB-DF	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB26	592.0 1411.0 43.0	E	M	D	AUXSUP	3.112	0950	02
MCC 2AB-DR	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB26	592.0 1409.0 43.0	E	M	D	AUXSUP	3.112	0951	02
MCC 2A5-AF	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	550.0 1464.0 43.0	E	M	D	AUXSUP	3.112	0952	02
MCC 2A5-AR	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	550.0 1463.0 43.0	E	M	D	AUXSUP	3.112	0953	02
MCC 2A5-BF	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	552.0 1464.0 43.0	E	M	D	AUXSUP	3.112	0954	02
MCC 2A5-BR	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	552.0 1463.0 43.0	E	M	D	AUXSUP	3.112	0955	02
MCC 2A5-CF	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	554.0 1464.0 43.0	E	M	D	AUXSUP	3.112	0956	02
MCC 2A5-CR	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	554.0 1463.0 43.0	E	M	D	AUXSUP	3.112	0957	02
MCC 2A5-DF	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	555.0 1464.0 43.0	E	M	D	AUXSUP	3.112	0958	02

TAGS INCLUDED: MCC 2AB-BR ----MCC 2A5-DF
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 51-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
MCC 2A5-DR	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	555.0 1463.0 43.0	E	M	D	AUXSUP	3.112	0959	02
MCC 2A5-EF	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	557.0 1464.0 43.0	E	M	D	AUXSUP	3.112	0960	02
MCC 2A5-ER	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	557.0 1463.0 43.0	E	M	D	AUXSUP	3.112	0961	02
MCC 2A5-FF	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	559.0 1464.0 43.0	E	M	D	AUXSUP	3.112	0962	02
MCC 2A5-FR	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	559.0 1463.0 43.0	E	M	D	AUXSUP	3.112	0963	02
MCC 2A5-GF	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	560.0 1464.0 43.0	E	M	D	AUXSUP	3.112	0964	02
MCC 2A5-GR	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	560.0 1463.0 43.0	E	M	D	AUXSUP	3.112	0965	02
MCC 2A6-AF	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	580.0 1464.0 43.0	E	M	D	AUXSUP	3.112	0966	02
MCC 2A6-AR	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	580.0 1463.0 43.0	E	M	D	AUXSUP	3.112	0967	02
MCC 2A6-BF	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	581.0 1464.0 43.0	E	M	D	AUXSUP	3.112	0968	02
MCC 2A6-BR	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	581.0 1463.0 43.0	E	M	D	AUXSUP	3.112	0969	02
MCC 2A6-CF	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	583.0 1464.0 43.0	E	M	D	AUXSUP	3.112	0970	02

TAGS INCLUDED: MCC 2A5-DR ----MCC 2A6-CF .
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 51-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
MCC 2A6-CR	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	583.0 1463.0 43.0	E	M	D	AUXSUP	3.112	0971	02
MCC 2A6-DF	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	584.0 1464.0 43.0	E	M	D	AUXSUP	3.112	0972	02
MCC 2A6-DR	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	584.0 1463.0 43.0	E	M	D	AUXSUP	3.112	0973	02
MCC 2A6-EF	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	586.0 1464.0 43.0	E	M	D	AUXSUP	3.112	0974	02
MCC 2A6-ER	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	586.0 1463.0 43.0	E	M	D	AUXSUP	3.112	0975	02
MCC 2A6-FF	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	588.0 1464.0 43.0	E	M	D	AUXSUP	3.112	0976	02
MCC 2A6-FR	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	588.0 1463.0 43.0	E	M	D	AUXSUP	3.112	0977	02
MCC 2A6-GF	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	590.0 1464.0 43.0	E	M	D	AUXSUP	3.112	0978	02
MCC 2A6-GR	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	590.0 1463.0 43.0	E	M	D	AUXSUP	3.112	0979	02
MCC 2A7-B	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	DG01	514.0 1667.0 24.0	G	M	D	AUXSUP	3.112	0980	02
MCC 2A7-C	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	DG01	514.0 1665.0 24.0	G	M	D	AUXSUP	3.112	0981	02
MCC 2A8-A	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	FH21	639.0 1596.0 48.0	F	M	D	AUXSUP	3.112	0982	02

TAGS INCLUDED: MCC 2A6-CR ----MCC 2A8-A
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 51-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
MCC 2A9-A	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	513.0 1417.0 43.0	E	M	D	AUXSUP	3.112	0983	02
MCC 2A9-B	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	513.0 1419.0 43.0	E	M	D	AUXSUP	3.112	0984	02
MCC 2B5-AR	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	527.0 1449.0 43.0	E	M	D	AUXSUP	3.112	0986	02
MCC 2B5-BF	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	528.0 1450.0 43.0	E	M	D	AUXSUP	3.112	0987	02
MCC 2B5-BR	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	528.0 1449.0 43.0	E	M	D	AUXSUP	3.112	0988	02
MCC 2B5-CF	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	530.0 1450.0 43.0	E	M	D	AUXSUP	3.112	0989	02
MCC 2B5-CR	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	530.0 1449.0 43.0	E	M	D	AUXSUP	3.112	0990	02
MCC 2B5-DF	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	532.0 1450.0 43.0	E	M	D	AUXSUP	3.112	0991	02
MCC 2B5-DR	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	532.0 1449.0 43.0	E	M	D	AUXSUP	3.112	0992	02
MCC 2B5-EF	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	533.0 1450.0 43.0	E	M	D	AUXSUP	3.112	0993	02
MCC 2B5-ER	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	533.0 1449.0 43.0	E	M	D	AUXSUP	3.112	0994	02
MCC 2B5-FF	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	535.0 1450.0 43.0	E	M	D	AUXSUP	3.112	0995	02

TAGS INCLUDED: MCC 2A9-A ----MCC 2B5-FF
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 51-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
MCC 2B5-FR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	535.0 1449.0 43.0	E	M	D	AUXSUP	3.112	0996	02
MCC 2B5-GF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	537.0 1450.0 43.0	E	M	D	AUXSUP	3.112	0997	02
MCC 2B5-GR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	537.0 1449.0 43.0	E	M	D	AUXSUP	3.112	0998	02
MCC 2B6-AF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	495.0 1464.0 43.0	E	M	D	AUXSUP	3.112	0999	02
MCC 2B6-BF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	497.0 1464.0 43.0	E	M	D	AUXSUP	3.112	1001	02
MCC 2B6-BR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	497.0 1463.0 43.0	E	M	D	AUXSUP	3.112	1002	02
MCC 2B6-CF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	498.0 1464.0 43.0	E	M	D	AUXSUP	3.112	1003	02
MCC 2B6-CR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	498.0 1463.0 43.0	E	M	D	AUXSUP	3.112	1004	02
MCC 2B6-DF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	500.0 1464.0 43.0	E	M	D	AUXSUP	3.112	1005	02
MCC 2B6-DR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	500.0 1463.0 43.0	E	M	D	AUXSUP	3.112	1006	02
MCC 2B6-EF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	502.0 1464.0 43.0	E	M	D	AUXSUP	3.112	1007	02
MCC 2B6-GF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	505.0 1464.0 43.0	E	M	D	AUXSUP	3.112	1008	02

TAGS INCLUDED: MCC 2B5-FR ----MCC 2B6-GF
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 51-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
MCC 2B6-HF	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	506.0 1464.0 43.0	E	M	D	AUXSUP	3.112	1009	02
MCC 2B6-HR	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	506.0 1463.0 43.0	E	M	D	AUXSUP	3.112	1010	02
MCC 2B7-B	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	DG01	482.0 1667.0 24.0	G	M	D	AUXSUP	3.112	1011	02
MCC 2B7-C	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	DG01	482.0 1665.0 24.0	G	M	D	AUXSUP	3.112	1012	02
MCC 2B8-E	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	FH21	639.0 1619.0 48.0	F	M	D	AUXSUP	3.112	1013	02
MCC 2B9-A	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	513.0 1426.0 43.0	E	M	D	AUXSUP	3.112	1014	02
MCC 2B9-B	MOTOR CONTR OL CENTER	LATER	GENERAL ELE CTRIC COMPA	IC7700	AB27	513.0 1428.0 43.0	E	M	D	AUXSUP	3.112	1015	02
STAT INVRT 2D	AC UPS SYST	CL IE PWR	SOLID STATE	10KVA	AB27	532.0 1410.0 43.0	E	M	D	AUXSUP	3.112	1470	02
DC BUS MA	AC & DC PNL	PROVIDE CLASS IE DC PWR	SYSTEMS CON TROL	BY FIELD	AB26	597.0 1429.0 48.0	E	M	D	AUXSUP	3.112	0387	01
DC BUS MB	AC & DC PNL	PROVIDE CLASS IE DC PWR	SYSTEMS CON TROL	BY FIELD	AB26	545.0 1420.0 48.0	E	M	D	AUXSUP	3.112	0388	01
DC BUS MD	AC & DC PNL	PROVIDE CLASS IE DC PWR	SYSTEMS CON TROL	BY FIELD	AB26	545.0 1403.0 48.0	E	M	D	AUXSUP	3.112	0390	01
DC BUS 2A	AC & DC PNL	PROVIDE CLASS IE DC PWR	SYSTEMS CON TROL	BY FIELD	AB27	540.0 1437.0 43.0	E	M	D	AUXSUP	3.112	0391	01

TAGS INCLUDED: MCC 2B6-HF ----DC BUS 2A
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 51-DIREGT CURRENT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
DC BUS 2AB	AC & DC PNL	PROVIDE CLASS 1E DC PWR	SYSTEMS CONTROL	BY FIELD	AB27	540.0 1418.0 43.0	E	M	D	AUXSUP	3.112	0392	01
DG 2A CT TB	DIESEL GEN SET	PROVIDE CL 1E SAFETY PWR	MORRIS-KNUDSEN	BY FIELD	DG01	527.0 1696.0 24.0	G	M	D	AUXSUP	3.112	0395	01
MCC 2AB-BF	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB26	595.0 1411.0 43.0	E	M	D	AUXSUP	3.112	0946	02
MCC 2B6-AR	MOTOR CONTROL CENTER	LATER	GENERAL ELECTRIC COMPA	IC7700	AB27	495.0 1463.0 43.0	E	M	D	AUXSUP	3.112	1000	02
STAT INVRT 2C	AC UPS SYST	CL IE PWR	SOLID STATE	10KVA	AB27	532.0 1438.0 43.0	E	M	D	AUXSUP	3.112	1469	02

SYSTEM # & NAME: 52-

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
INST BUS 2MC	AC/DC PANELS	CL IE AC UPS	SYSTEMS CONTROL	BY FIELD	AB26	599.0 1423.0 43.0	E	M	D		3.112	0802	01
INST BUS 2MD	AC/DC PANELS	CL IE AC UPS	SYSTEMS CONTROL	BY FIELD	AB26	544.0 1398.0 43.0	E	M	D		3.112	0803	01
INST BUS 2MA	AC/DC PANELS	CL IE AC UPS	SYSTEMS CONTROL	BY FIELD	AB26	599.0 1438.0 43.0	E	M	D		3.112	0800	01
INST BUS 2MB	AC/DC PANELS	CL IE AC UPS	SYSTEMS CONTROL	BY FIELD	AB26	544.0 1418.0 43.0	E	M	D		3.112	0801	01
STAT INVRT 2A	AC UPS SYST.	CL IE PWR	SOLID STATE	10KVA	AB27	535.0 1438.0 43.0	E	M	D		3.112	1466	01
STAT INVRT 2B	AC UPS SYST.	CL IE PWR	SOLID STATE	10KVA	AB27	535.0 1410.0 43.0	E	M	D	AUXSUP	3.112	1467	01

SYSTEM # & NAME: 53-CABLE & RACEWAY

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
B/M D15 SERIES	MED. VOLT. PWR CABLE	PROVIDE MED. VOLT.PWR CABLE THROUGHOUT PLA	OKONITE	B/M D15 SEE NOT	RB15	636.0 1537.0 21.0	A	H	A	AUXSUP	LPG	1939	03
B/M D26 SERIES	LOW VOLT. PWR/CNTR CB	PROVIDE QUALIFIED LOW VOLT. POWER & CONTRO	KERITE	B/M D26 SERIES SEE NOT	RB15	636.0 1537.0 21.0	A	H	A	RPS ESF AUXSUP	*CMM*	1940	03
B/M D52 SERIES	LOW VOLT. PWR/CNTR CB	PROVIDE QUALIFIED LOW VOLT. POWER & CONTRO	KERITE	B/M D52 SERIES SEE NOT	RB15	636.0 1537.0 21.0	A	H	A	RPS ESF AUXSUP	3.11-21	2007	03
B/M D54 SERIES	LOW VOLT. PWR/CNTR CB	PROVIDE QUALIFIED LOW VOLT. POWER & CONTRO	KERITE	B/M D54 SERIES SEE NOT	RB15	636.0 1537.0 21.0	A	H	A	RPS ESF AUXSUP	3.11-21	2006	03
B/M D60 SERIES	MULTI-PAIR INSTR.	PROVIDE QUALIFIED LOW VOLT. POWER & CONTRO	KERITE	B/M D60 SERIES SEE NOT	RB15	636.0 1537.0 21.0	A	H	A	RPS ESF AUXSUP	3.11-21	2011	03
B/M D61 SERIES	INSTUMENT CABLE	PROVIDE QUALIFIED LOW VOLT. POWER & CONTRO	KERITE	B/M D61-04 3/C #6	RB15	636.0 1537.0 21.0	A	H	A	RPS ESF AUXSUP	3.11-21	2012	03
B/M D62 SERIES	600 VOLT. RATEDINSTR.	PROVIDE QUALIFIED LOW VOLT. POWER & CONTRO	KERITE	B/M D62 SERIES SEE NOT	RB15	636.0 1537.0 21.0	A	H	A	RPS ESF AUXSUP	3.11-21	2009	03
B/M D63 SERIES	LOW VOLT. PWR/CNTR CB	PROVIDE QUALIFIED LOW VOLT. POWER & CONTRO	KERITE	B/M D63 SERIES SEE NOT	RB15	636.0 1537.0 21.0	A	H	A	RPS ESF AUXSUP	3.11-21	2008	03
B/M D71 SERIES	THERMOCOUPLE EXT. WI	PROVIDE QUALIFIED LOW VOLT. POWER & CONTRO	KERITE	B/M D71 SERIES SEE NOT	RB15	636.0 1537.0 21.0	A	H	A	RPS ESF AUXSUP	3.11-21	2010	03
B/M D80 SERIES	INSTRUMENT CBL.	PROVIDE INSTRUMENT CABLE THROUGHOUT PLANT	ROCKBESTOS CO.	FIREWALL II II COAXIAL	RB15	636.0: 1537.0: 21.0	A	H	A	RPS ESF AUXSUP	3.11-21	2002	03
B/M D9 SERIES	JUMPER/HOOKUP WIRE	HOOKUP-JUMPER CONNECTION FOR CONTROL/INSTR	TELEDYNE THER- MATICS	TEFZEL 280	RB15	636.0 3 1537.0 21.0	A	H	A	AUXSUP		1375	03
B2G87	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B404	SEE DWG. B404	AB24	558.0 1454.0 5.0	D	H	B	AUXSUP	3.11-21	0136	03

TAGS INCLUDED: B/M D15 SERIES ----B2G87
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 53-CABLE & RACEWAY

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
B2G88	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B404	SEE DWG. B404	AB24	556.0 1454.0 5.0	D	H	B	 AUXSUP	3.11-21	0137	03
B2G89	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B404	SEE DWG. B404	AB24	562.0 1416.0 5.0	D	H	B	 AUXSUP	3.11-21	0138	03
B2G90	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B404	SEE DWG. B404	AB24	556.0 1416.0 5.0	D	H	B	 AUXSUP	3.11-21	0139	03
B2G91	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B404	SEE DWG. B404	AB25	575.0 1519.0 20.0	E	M	B	 AUXSUP	3.11-21	0140	03
B2G92	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B404	SEE DWG. B404	AB25	573.0 1519.0 20.0	E	M	B	 AUXSUP	3.11-21	0141	03
B2R76		SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B404	SEE DWG. B404	CC02	640.0 1686.0 27.0	H	M	D	 AUXSUP	3.11-21	0147	02
B2R77		SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B404	SEE DWG. B404	TB14	594.0 1385.0 20.0	J	M	D	 AUXSUP	3.11-21	0148	02
B2R78		SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B404	SEE DWG. B404	IT05	647.0 1071.0 20.0	I	M	D	 AUXSUP	3.11-21	0149	02
B2R80		SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B404	SEE DWG. B404	DG01	486.0 1646.0 23.0	G	M	D	 AUXSUP	3.11-21	0151	02
B2069	NEUTRON DETECTO	NEUTRON MONITORING		BY FIELD	RB15	712.0 1514.0 4.0	A	H	D	 AUXSUP	3.112	0152	02
B2071	NEUTRON DETECTO	NEUTRON MONITORING		BY FIELD	RB15	714.0 1489.0 4.0	A	H	D	 AUXSUP	3.112	0153	02
B2075	NEUTRON DETECTO	NEUTRON MONITORING		BY FIELD	RB15	688.0 1528.0 4.0	A	H	D	 AUXSUP	3.112	0154	02

TAGS INCLUDED: B2G88 ----B2075
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 53-CABLE & RACEWAY

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
B2077	NEUTRON DETECTO	NEUTRON MONITORING		BY FIELD	RB15	666.0 1482.0 4.0	A	H	D	 AUXSUP	3.112	0155	02
B2078	NEUTRON DETECTO	NEUTRON MONITORING		BY FIELD	RB15	665.0 1518.0 4.0	A	H	D	 AUXSUP	3.112	0156	02
B2079	NEUTRON DETECTO	NEUTRON MONITORING		BY FIELD	RB15	665.0 1517.0 4.0	A	H	D	 AUXSUP	3.112	0157	02
B215A	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B4104	SEE DWG. B4104	AB24	545.0 1502.0 5.0	D	H	B	 AUXSUP	3.11-2	0158	03
B2166	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B4104	SEE DWG. B4104	AB27	544.0 1523.0 43.0	D	H	B	 AUXSUP	3.11-2	0159	03
B2191	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B4104	SEE DWG. B4104	AB24	544.0 1514.0 3.5	D	H	B	 AUXSUP	3.11-2	0160	03
B2192	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B4104	SEE DWG. B4104	AB24	544.0 1512.0 3.5	D	H	B	 AUXSUP	3.11-2	0161	03
B2194	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B4104	SEE DWG. B4104	AB27	581.0 1566.0 43.0	E	M	B	 AUXSUP	3.11-2	0162	03
B2195	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B4104	SEE DWG. B4104	AB27	581.0 1569.0 43.0	E	M	B	 AUXSUP	3.11-2	0163	03
B2197	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B4104	SEE DWG. B4104	AB27	549.0 1528.0 43.0	D	H	B	 AUXSUP	3.11-2	0164	03
B2198	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B4104	SEE DWG. B4104	AB27	559.0 1530.0 45.0	D	H	B	 AUXSUP	3.11-2	0165	03
B2349	NEUTRON DETECTO	NEUTRON MONITORING		BY FIELD	RB15	676.0 1474.0 4.0	A	H	D	 AUXSUP	3.112	0166	02

TAGS INCLUDED: B2077 ----B2349
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 53-CABLE & RACEWAY

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
B2351	NEUTRON DETECTO	NEUTRON MONITORING		BY FIELD	RB15	677.0 1473.0 4.0	A	H	D	 AUXSUP	3.112	0167	02
B257A	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B4104	SEE DWG. B4104	AB25	610.0 1539.0 20.0	D	H	B	 AUXSUP	3.11-2	0168	03
B258A	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B4104	SEE DWG. B4104	RB15	629.0 1533.0 18.0	A	H	B	 AUXSUP	3.11-2	0169	03
B2725	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B4104	SEE DWG. B4104	AB27	571.0 1565.0 43.0	E	M	B	 AUXSUP	3.11-2	0170	03
B2756	TERMINAL BOX	SEE QUALIFIED TERMINAL BLCKS CES # 0145	SEE DWG. B4104	SEE DWG. B4104	AB24	544.0 1463.0 5.0	D	H	B	 AUXSUP	3.11-2	0171	03
CRL/BISHOP 45	CABLE PULLING LUBRICA	REDUCES FRICTION WHILE INSTALLING	BISHOP ELEC TRICCO.	BISHOP#45	RB15	650. 1452. 24.0	A	H	B		3.11-2	0020	03
FCV-07-1B	CONTROL VALVE	CONT ISOL	ASCO/NAMCO	LS:EA180213 02 S:NP831	AB25	596.0 1494.0 20.0	D	H	A	 AUXSUP	MRL<	2024	03
FCV-23-4CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16	RB15	625.0 1532.0 37.0	A	H	A	ESF AUXSUP PAM	MRL<	2040	03
FCV-23-6CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16 N-11006	RB15	617.0 1501.0 20.0	A	H	A	ESF AUXSUP PAM	MRL<	2039	03
FCV-25-20CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	3/4/C#16	RB16	618.0 1512.0 47.0	A	H	A	ESF AUXSUP PAM	MRL<	2043	03
FCV-25-3CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	3/4/C#16 N-11006	RB15	631.0 1540.0 33.0	A	H	A	ESF AUXSUP PAM	MRL<	2041	03
FCV-25-4CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	3/4/C#16	RB16	618.0 1499.0 45.0	A	H	A	ESF AUXSUP PAM	MRL<	2042	03

TAGS INCLUDED: B2351 ----FCV-25-4CM

SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 53-CABLE & RACEWAY

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
FCV-26-1CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB15	635.0 1505.0 27.0	A	H	A	ESF AUXSUP PAM	MRL<	2036	03
FCV-26-1CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	BY FIELD	RB15	635.0 1505.0 27.0	A	H	A	 AUXSUP	MRL<	2035	03
FCV-26-3CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB15	635.0 1505.0 27.0	A	H	A	ESF AUXSUP PAM	MRL<	2037	03
FCV-26-5CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16	RB15	635.0 1505.0 27.0	A	H	A	ESF AUXSUP PAM	MRL<	2038	03
FSE-27-10CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16	RB15	619.0 1487.0 20.0	A	H	A	ESF AUXSUP PAM	MRL<	2046	03
FSE-27-11CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16	RB15	619.0 1488.0 20.0	A	H	A	ESF AUXSUP PAM	MRL<	2047	03
FSE-27-12CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16	RB15	630.0 1542.0 34.0	A	H	A	ESF AUXSUP PAM	MRL<	2048	03
FSE-27-13CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16	RB15	628.0 1538.0 34.0	A	H	A	ESF AUXSUP PAM	MRL<	2049	03
FSE-27-14CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16	RB15	629.0 1540.0 34.0	A	H	A	ESF AUXSUP PAM	MRL<	2050	03
FSE-27-8CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16	RB15	619.0 1485.0 20.0	A	H	A	ESF AUXSUP PAM	MRL<	2044	03
FSE-27-9CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16	RB15	619.0 1486.0 20.0	A	H	A	ESF AUXSUP PAM	MRL<	2045	03
HCV-14-1CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	3/4/C#16 N-11006	RB15	633.0 1492.0 20.0	A	H	A	ESF AUXSUP PAM	MRL<	2051	03

TAGS INCLUDED: FCV-26-1CM ----HCV-14-1CM
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 53-CABLE & RACEWAY

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
HCV-14-2CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	3/4/C#16	RB15	633.0 1493.0 20.0	A	H	A	ESF AUXSUP PAM	MRL<	2052	03
HCV-3618CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16 N-11006	RB16	729.0 1465.0 46.0	A	H	A	ESF AUXSUP PAM	MRL<	2053	03
HCV-3628CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16 N-11006	RB16	741.0 1507.0 45.0	A	H	A	ESF AUXSUP PAM	MRL<	2054	03
HCV-3638CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16 N-11006	RB16	639.0 1524.0 45.0	A	H	A	ESF AUXSUP PAM	MRL<	2055	03
HCV-3648CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16 N-11006	RB16	642.0 1496.0 45.0	A	H	A	ESF AUXSUP PAM	MRL<	2056	03
H2 RMB 2A CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB17	726 1518 62.0	A	H	A	AUXSUP	MRL<	2108	03
H2 RMB 2B CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB17	638 1516 62.0	A	H	A	AUXSUP	MRL<	2109	03
LCV-07-11ACM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16	RB15	619.0 1517.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2057	03
POLYWATER	CABLE PULLING LUBRICA	REDUCES FRICTION WHILE INSTALLING	POLYWATER	POLYWATER	RB15	650. 1452. 24.0	A	H	B		3.11-2	0021	03
SE-02-1CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16 N-11006	RB15	650.0 1549.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2058	03
SE-02-2CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16 N-11006	RB15	648.0 1547.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2059	03
SE-02-3CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16 N-11006	RB15	652.0 1551.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2060	03

TAGS INCLUDED: HCV-14-2CM ----SE-02-3CM
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 53-CABLE & RACEWAY

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
SE-02-4CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16 N-11006	RB15	651.0 1550.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2061	03
SE-03-1ACM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16 N-11006	RB16	617.0 1505.0 27.0	A	H	A	ESF AUXSUP PAM	MRL<	2062	03
SE-03-1BCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16 N-11006	RB16	747.0 1471.0 45.0	A	H	A	ESF AUXSUP PAM	MRL<	2063	03
SE-03-1CCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16 N-11006	RB16	631.0 1528.0 46.0	A	H	A	ESF AUXSUP PAM	MRL<	2064	03
SE-03-1DCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16 N-11006	RB16	624.0 1514.0 46.0	A	H	A	ESF AUXSUP PAM	MRL<	2065	03
SE-03-2ACM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16 N-11006	RB15	626.0 1464.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2066	03
SE-03-2BCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16 N-11006	RB15	626.0 1534.0 20.0	A	H	A	ESF AUXSUP PAM	MRL<	2067	03
SE-07-4CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/6/C#16	RB15	626.0 1534.0 20.0	A	H	D	ESF AUXSUP PAM	MRL<	2068	02
TE-07-3A CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB15	626.0 1534.0 70.0	A	H	A	ESF AUXSUP PAM	MRL<	2087	03
TE-07-3B CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	619.0 1485.0 70.0	A	H	A	ESF AUXSUP PAM	MRL<	2088	03
TE-07-5B CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16		626.0 1534.0 70.0	A	H	A	ESF AUXSUP PAM	MRL<	2089	03
TE-1112CACM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	706.0 1484.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2069	03

TAGS INCLUDED: SE-02-4CM ----TE-1112CACM
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 53-CABLE & RACEWAY

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
TE-1112CBCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	708.0 1511.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2070	03
TE-1112CCCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16 N-11006	RB15	707.0 1484.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2071	03
TE-1112CDCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	707.0 1511.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2072	03
TE-1112HACM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	708.0 1499.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2073	03
TE-1112HBCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	708.0 1501.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2074	03
TE-1112HCCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16 N-11006	RB15	710.0 1499.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2075	03
TE-1112HDCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	710.0 1501.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2076	03
TE-1115CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	707.0 1501.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2077	03
TE-1122CACM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	668.0 1518.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2078	03
TE-1122CBCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	669.0 1488.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2079	03
TE-1122CCCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	667.0 1518.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2080	03
TE-1122CDCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	667.0 1488.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2081	03

TAGS INCLUDED: TE-1112CBCM ----TE-1122CDCM
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 53-CABLE & RACEWAY

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
TE-1122HACM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	667.0 1501.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2082	03
TE-1122HBCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	667.0 1499.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2083	03
TE-1122HCCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	664.0 1501.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2084	03
TE-1122HDCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	664.0 1499.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2085	03
TE-1125CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	1/4/C#16	RB15	667.0 1516.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2086	03
V1460 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB15	667.0 1516.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2090	03
V1461 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB15	667.0 1516.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2091	03
V1462 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB15	667.0 1516.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2092	03
V1463 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB15	667.0 1516.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2093	03
V1464 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB15	667.0 1516.0 18.0	A	H	C	ESF AUXSUP PAM	MRL<	2094	02
V1464 CM DELETE	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB15	667.0 1516.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2095	03
V1465 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB15	667.0 1516.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2096	03

TAGS INCLUDED: TE-1122HACM ----V1465 CM
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 53-CABLE & RACEWAY

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
V1466 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB15	667.0 1516.0 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2097	03
V2515 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16 N-11006	RB15	641 1540 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2098	03
V2516 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16 N-11006	RB15	644 1543 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2099	03
V2524 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16 S:HV202	RB15	644 1543 18.0	A	H	A	ESF AUXSUP PAM	MRL<	2100	03
V3571 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16 N11006-	RB15	665 1505 30.0	A	H	A	ESF AUXSUP PAM	MRL<	2101	03
V3572 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16 N-11006	RB16	744 1500 50.0	A	H	A	ESF AUXSUP PAM	MRL<	2102	03
V5200 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	LATER	RB16	744 1500 50.0	A	H	D	ESF AUXSUP PAM	MRL<	2103	02
V5201 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16	RB16	744 1500 50.0	A	H	D	ESF AUXSUP PAM	MRL<	2104	02
V5202 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16	RB16	744 1500 50.0	A	H	D	ESF AUXSUP PAM	MRL<	2105	02
V6346 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16	RB16	744 1500 50.0	A	H	A	ESF AUXSUP PAM	MRL<	2106	03
V6718 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	CONAX CORP	2/4/C#16	RB16	744 1500 50.0	A	H	A	ESF AUXSUP PAM	MRL<	2107	03

SYSTEM # & NAME: 54-PENETRATIONS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
PENET A1	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1452.00 36.0	A	H	A	ESF AUXSUP PAM	3.11-2	1976	03
PENET A2	ELECTRICAL PENETRA	POWER CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1454.00 36.0	A	H	A	ESF AUXSUP PAM	3.11-2	1977	03
PENET A3	ELECTRICAL PENETRA	POWER CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1457.00 36.0	A	H	A	ESF AUXSUP PAM	3.11-2	1978	03
PENET A4	ELECTRICAL PENETRA	POWER CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1460.00 36.0	A	H	A	ESF AUXSUP PAM	3.11-2	1979	03
PENET A6	ELECTRICAL PENETRA	POWER CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1467.00 36.0	A	H	A	ESF AUXSUP PAM	3.11-2	1980	03
PENET A7	ELECTRICAL PENETRA	POWER CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1470.00 36.0	A	H	A	ESF AUXSUP PAM	3.11-2	1981	03
PENET A8	ELECTRICAL PENETRA	POWER CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1473.00 36.0	A	H	A	ESF AUXSUP PAM	3.11-2	1982	03
PENET B1	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1452.00 33.0	A	H	A	ESF AUXSUP PAM	3.11-2	1983	03
PENET B2	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1454.00 33.0	A	H	A	ESF AUXSUP PAM	3.11-2	1984	03
PENET B3	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1457.00 33.0	A	H	A	ESF AUXSUP PAM	3.11-2	1985	03
PENET B4	ELECTRICAL PENETRA	SEALED CONDUCT CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1460.00 33.0	A	H	A	ESF AUXSUP PAM	3.11-2	1189	03
PENET B5	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1464.00 33.0	A	H	A	ESF AUXSUP PAM	3.11-2	1986	03

TAGS INCLUDED: PENET A1 ----PENET B5
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 54-PENETRATIONS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PENET B6	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1467.00 33.0	A	H	A	ESF AUXSUP PAM	3.11-2	1987	03
PENET B7	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1470.00 33.0	A	H	A	ESF AUXSUP PAM	3.11-2	1190	03
PENET B8	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1473.00 33.0	A	H	A	ESF AUXSUP PAM	3.11-2	1988	03
PENET B9	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1477.00 33.0	A	H	A	ESF AUXSUP PAM	3.11-2	1989	03
PENET C10	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1480.00 30.0	A	H	A	ESF AUXSUP PAM	3.11-2	1968	03
PENET C2	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1454.00 30.0	A	H	A	ESF AUXSUP PAM	3.11-2	1990	03
PENET C4	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1460.00 30.0	A	H	A	ESF AUXSUP PAM	3.11-2	1992	03
PENET C5	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1464.00 30.0	A	H	A	ESF AUXSUP PAM	3.11-2	1993	03
PENET C6	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1467.00 30.0	A	H	A	ESF AUXSUP PAM	3.11-2	1994	03
PENET C7	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1470.00 30.0	A	H	A	ESF AUXSUP PAM	3.11-2	1192	03
PENET C8	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1473.00 30.0	A	H	A	ESF AUXSUP PAM	3.11-2	1996	03
PENET C9	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1477.00 30.0	A	H	A	ESF AUXSUP PAM	3.11-2	1997	03

TAGS INCLUDED: PENET B6 ----PENET C9
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 54-PENETRATIONS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PENET D1	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1452.00 27.0	A	H	A	ESF AUXSUP PAM	3.11-2	1998	03
PENET D2	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1454.00 27.0	A	H	A	ESF AUXSUP PAM	3.11-2	1999	03
PENET D3	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1457.00 27.0	A	H	A	ESF AUXSUP PAM	3.11-2	1193	03
PENET D5	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1464.00 27.0	A	H	A	ESF AUXSUP PAM	3.11-2	1965	03
PENET D6	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1467.00 27.0	A	H	A	ESF AUXSUP PAM	3.11-2	1969	03
PENET D7	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1470.00 27.0	A	H	A	ESF AUXSUP PAM	3.11-2	1960	03
PENET D8	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1473.00 27.0	A	H	A	ESF AUXSUP PAM	3.11-2	1959	03
PENET D9	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1477.00 27.0	A	H	A	ESF AUXSUP PAM	3.11-2	1970	03
PENET ELEP-1	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1567.00 68.0	A	H	A	ESF AUXSUP PAM	3.11-2	1967	03
PENET E1	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1452.00 24.0	A	H	A	ESF AUXSUP PAM	3.11-2	1962	03
PENET E10	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1480.00 24.0	A	H	A	ESF AUXSUP PAM	3.11-2	1964	03
PENET E2	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1454.00 24.0	A	H	A	ESF AUXSUP PAM	3.11-2	1963	03

TAGS INCLUDED: PENET D1 ----PENET E2
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 54-PENETRATIONS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
PENET E3	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1457 24.0	A	H	A	ESF AUXSUP PAM	3.11-2	1961	03
PENET E4	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1460.00 24.0	A	H	A	ESF AUXSUP PAM	3.11-2	1971	03
PENET E5	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1464.00 24.0	A	H	A	ESF AUXSUP PAM	3.11-2	1972	03
PENET E6	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1467.00 24.0	A	H	A	ESF AUXSUP PAM	3.11-2	1194	03
PENET E7	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1470.00 24.0	A	H	A	ESF AUXSUP PAM	3.11-2	1973	03
PENET E8	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1473.00 24.0	A	H	A	ESF AUXSUP PAM	3.11-2	1974	03
PENET E9	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 1477.00 24.0	A	H	A	ESF AUXSUP PAM	3.11-2	1975	03
PENET PLEP-1	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH	CONAX CORP	7310 SERIES	RB15	635.00 ADJACENTO AB25	A	H	A	ESF AUXSUP PAM	3.11-2	1966	03

SYSTEM # & NAME: 55-CABLE ASSEMBLIES

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
WCSF-N SERIES	HEAT SHRINK TUBING	PROVIDE QUALIFIED SPLICES THROUGHOUT	RAYCHEM	WCSF-N	RB15	636 1537 21.0	A	H	A	RPS ESF AUXSUP	3.11-2	1937	03
QUALIFIED TERMINAL BLOCKS	TERMINAL BLOCKS	TERMINATORS FOR CONTROL/ INSTR OUTSIDE	AMERACE COR P	616822(SERIES) NQB112	TB23	674.0 1389.0 45.0	K	H	A	AUXSUP	3.11-2	0145	03

SYSTEM # & NAME: 83-MISC. EQUIPMENT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
B2E90	ISOLATION/RELAY BOX	ISOLATION	SEE SUBCOMP	SEE SUBCOMP	AB27	489.0 1462.0 46.0	E	M	D	ESF	3.112	0117	02
B2E98	ISOLATION/RELAY BOX	ISOLATION	SEE SUBCOMP	SEE SUBCOMP	AB26	599.0 1397.0 48.0	E	M	D	ESF	3.112	0118	02
B2E99	ISOLATION/RELAY BOX	ISOLATION	SEE SUBCOMP	SEE SUBCOMP	AB26	599.0 1390.0 48.0	E	M	D	ESF	3.112	0119	02
B2G43	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB26	545.0 1432.0 50.0	E	M	D	ESF	420.7	0124	02
B2G44	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB26	558.0 1397.0 52.0	E	M	D	ESF	420.7	0125	02
B2G45	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB26	561.0 1397.0 52.0	E	M	D	ESF	420.7	0126	02
B2G46	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB26	564.0 1397.0 52.0	E	M	D	ESF	420.7	0127	02
B2G47	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB26	567.0 1397.0 52.0	E	M	D	ESF	420.7	0128	02
B2G64	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB27	591.0 1457.0 47.0	E	M	D	ESF	420.7	0129	02
B2G65	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB26	599.0 1399.0 48.0	E	M	D	ESF	420.7	0130	02
B2G66	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB26	545.0 1435.0 50.0	E	M	D	ESF	420.7	0131	02
B2G73	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB27	593.0 1457.0 47.0	E	M	D	ESF	420.7	0132	02

TAGS INCLUDED: B2E90 ----B2G73
SORT TYPE:SYSTEM/TAG GLOBAL REV#- 3 08/25/82

SYSTEM # & NAME: 83-MISC. EQUIPMENT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	CES #	REV #
B2G75	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB27	517.0 1460.0 47.0	E	M	D	ESF	420.7	0133	02
B2G99	ISOLATION/RELAY BOX	ISOLATION	SEE SUBCOMP	SEE SUBCOMP	AB27	595.0 1457.0 47.0	E	M	D	ESF	3.112	0144	02

SYSTEM # & NAME: 03-SAFETY INJECTION

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	DATA SOURCE	ICES #	REV #
V3631		SIT FILL DRAIN		BY FIELD		O O	A	H	A		1.9A-1	2186	03

SYSTEM # & NAME: 54-PENETRATIONS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES #	REV #
QUALIFIED TERMINAL BLOCKS	TERMINAL BLOCKS	TERMINATORS FOR CONTROL/ INSTR OUTSIDE	AMERACE COR P	616822(SERIES)	TB23	674.0 1389.0 45.0	K	H	A	RPS ESF	3.112	0145	02

SYSTEM # & NAME: 55-CABLE. ASSEMBLIES

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES	REV #
WCSF-N SERIES	HEAT SHRINK TUBING	PROVIDE QUALIFIED SPLICES THROUGHOUT	RAYCHEM	WCSF-N	RB15	636 1537 21.0	A	H	A	RPS ESF AUXSUP	CMM	1937	02

SYSTEM # & NAME: 83-MISC.. EQUIPMENT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES #	REV #
B2E90	ISOLATION/RELAY BOX	ISOLATION	SEE SUBCOMP	SEE SUBCOMP	AB27	489.0 1462.0 46.0	E	M	D	ESF	3.112	0117	02
B2E98	ISOLATION/RELAY BOX	ISOLATION	SEE SUBCOMP	SEE SUBCOMP	AB26	599.0 1397.0 48.0	E	M	D	ESF	3.112	0118	02
B2E99	ISOLATION/RELAY BOX	ISOLATION	SEE SUBCOMP	SEE SUBCOMP	AB26	599.0 1390.0 48.0	E	M	D	ESF	3.112	0119	02
B2G43	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB26	545.0 1432.0 50.0	E	M	D	ESF	420.7	0124	02
B2G44	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB26	558.0 1397.0 52.0	E	M	D	ESF	420.7	0125	02
B2G45	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB26	561.0 1397.0 52.0	E	M	D	ESF	420.7	0126	02
B2G46	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB26	564.0 1397.0 52.0	E	M	D	ESF	420.7	0127	02
B2G47	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB26	567.0 1397.0 52.0	E	M	D	ESF	420.7	0128	02
B2G64	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB27	591.0 1457.0 47.0	E	M	D	ESF	420.7	0129	02
B2G65	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB26	599.0 1399.0 48.0	E	M	D	ESF	420.7	0130	02
B2G66	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB26	545.0 1435.0 50.0	E	M	D	ESF	420.7	0131	02
B2G73	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB27	593.0 1457.0 47.0	E	M	D	ESF	420.7	0132	02

TAGS INCLUDED: B2E90 ----B2G73
SORT TYPE:SYSTEM GLOBAL REV#- 2 04/01/82

SYSTEM # & NAME: 83-MISC.. EQUIPMENT

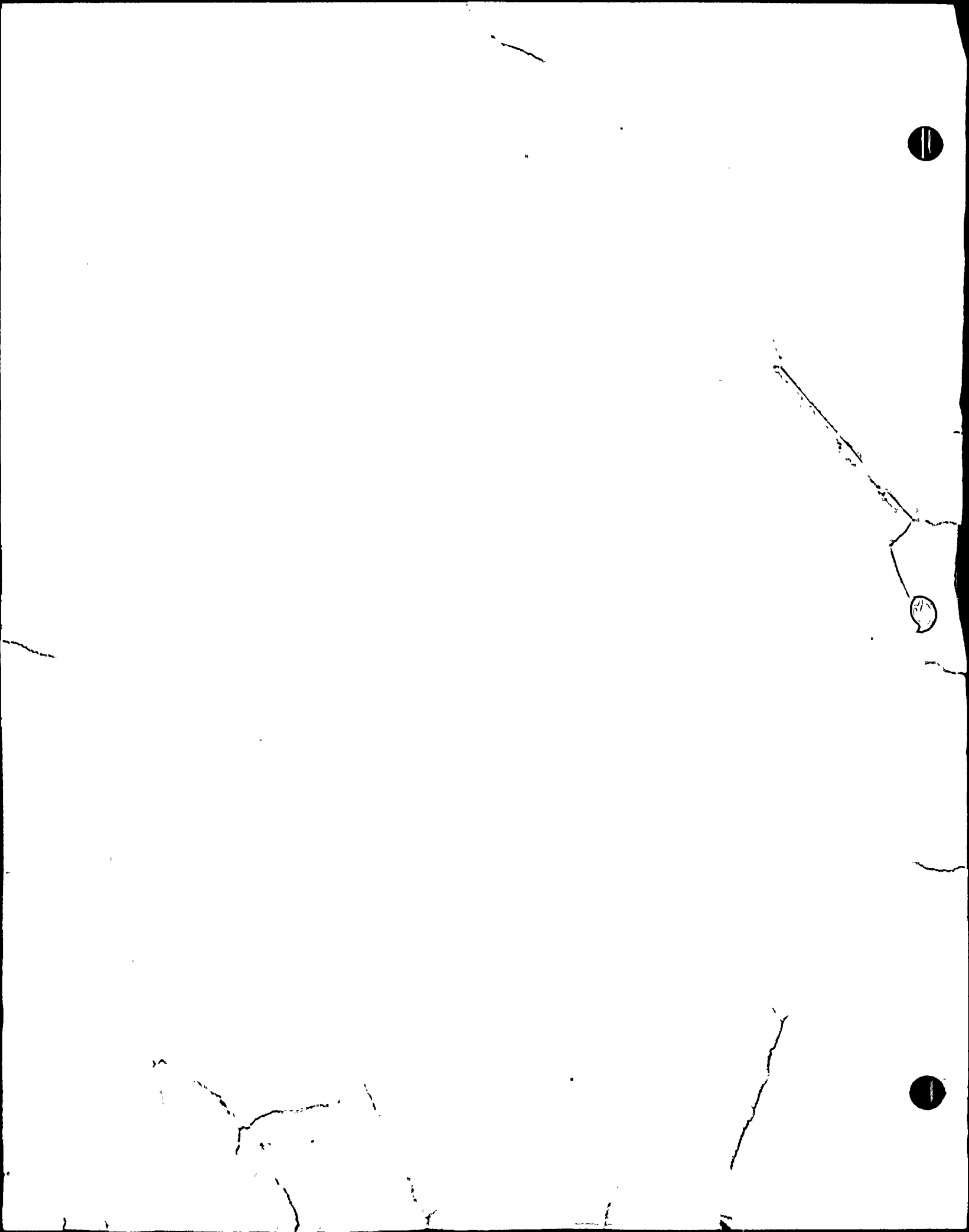
TAG NO	COMPONENT NAME	FUNCTION & SERVICE	MANUFACTUR.	MODEL/SER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNCT. CATEG.	SAFETY FUNCTION	AUTH. REF.	CES #	REV #
B2G75	ISOLATION RELAYS	ISOLATION FUNCTIONS AS PER RG 1.75	SEE SUBCOMP	SEE SUBCOMP	AB27	517.0 1460.0 47.0	E	M	D	ESF	420.7	0133	02
B2G99	ISOLATION/RELAY BOX	ISOLATION	SEE SUBCOMP	SEE SUBCOMP	AB27	595.0 1457.0 47.0	E	M	D	ESF	3.112	0144	02

ST. LUCIE UNIT NO. 2
DOCKET NO. 50-389

ENVIRONMENTAL QUALIFICATION REPORT AND GUIDEBOOK

FLORIDA POWER AND LIGHT COMPANY
VOLUME 3
COMPONENT EVALUATION SHEETS

REVISION 03
AUGUST 30, 1982



50-389 Superseded per Rev 4 to Envir Qual Rpt + Guidebook dtd 10/30/82 (Part II)

ENVIRONMENTAL QUALIFICATION REPORT & GUIDEBOOK

COMPONENT EVALUATION SHEETS

FORWARD

THE COMPONENT EVALUATION SHEETS FOR ST. LUCIE UNIT #2 ARE ENCLOSED IN THIS VOLUME, THE THIRD OF FOUR.

THE COMPONENT EVALUATION SHEETS ARE INCLUDED FOR ONLY HARSH ENVIRONMENT SAFETY-RELATED EQUIPMENT.

THESE SHEETS ARE ORDERED NUMERICALLY ACCORDING TO THE RECORD NUMBER THAT APPEARS ON THE UPPER RIGHT HAND CORNER OF EACH SHEET - CALLED THE CES NUMBER.

REV 03
AUGUST 30, 1982

8208310265

EBASCO SERVICES INCORPORATED

PROGRAM SL2CESPRNT VERSION VO (SL2IC)QEDB.

USER MANUAL REVISION NUMBER = RO DATE = 11-30-81

RUN DATE = 03/31/82

RUN TIME = 17: 8:33

EXPLANTION AND LEGEND FOR COMPONENT EVALUATION SHEETS

THE TERMS FOUND BELOW GIVE AN EXPLANATION FOR THE ITEMS APPEARING ON COMPONENT EVALUATION SHEETS

SYSTEM # & NAME	-DESCRIPTION OF THE SYSTEM THAT THE EQUIPMENT FUNCTIONS IN.
TAG NO.	-SPECIFIC DEVICE DESIGNATION OR ABBREVIATED NAMEPLATE OR PLANT ID NUMBER.
COMPONENT NAME	-A FURTHER BREAKDOWN OF THE EQUIPMENT TYPES - FOR EXAMPLE, SWITCHES ARE BROKEN DOWN INTO PRESSURE SWITCHES
FUNCTION & SERVICE	-THIS IS A DESCRIPTION OF THE SERVICE WHICH COMPONENT PERFORMS. FOR EXAMPLE PT-1102A IS NOT DESCRIBED AS A PRESSURE TRANSMITTER HERE, RATHER, THE FUNCTION WHICH IS TO MEASURE PRESSURIZER PRESSURE IS DESCRIBED.
MANUFACTURER	-SPECIFIC VENDOR WHO MANUFACTURED COMPONENT, NOT NECESSARILY THE SUPPLIER OF THE COMPONENT TO FLORIDA POWER & LIGHT OR EBASCO (ACTING AS AGENT FOR FPL). FOR EXAMPLE, MOTOR OPERATORS FOR VALVES MAY BE SUPPLIED TO FOR A VALVE, VENDOR (WKM, PACIFIC) BY LIMITORQUE.
MODEL/SER #	-SPECIFIC VENDOR DESIGNATION FOR A FAMILY OR GROUP OF LIKE COMPONENTS. (SERIAL NUMBERS ARE GENERALLY NOT AVAILABLE DURING INITIAL EQ REVIEW). SERIAL NUMBERS ARE ADDED FOR UTILITY CONVENIENCE DURING THE FIELD VERIFICATION STAGE.
PLANT LOCATION	-THE ACTUAL BUILDING LOCATION IN WHICH THE COMPONENT IS LOCATED.
LOCATION X, Y, Z	-THE LOCATION COORDINATES FOR THE PLANT LOCATION AND MORE IMPORTANTLY WITHIN THE ENVELOPE OF THE ENVIRONMENTAL ZONES. REFER TO REPORT FIGURES 2-1 AND 2-2 AND TABLE 3.
ENVIRONMENTAL CATEGORY H/M	-THE CATEGORY IS THE DESIGNATION CORRESPONDING TO FSAR TABLE 3.11-1 IN WHICH HARSH AND MILD ENVIRONMENTAL ZONES ARE DEFINED. DATA ENTERED IN THE H/M COLUMN INDICATES WHETHER THE ZONE INDICATED FOR THE COMPONENT IS A HARSH OR A MILD ONE.

FUNCTIONAL CATEGORY	-THIS ENTRY CORRESPONDS TO THE CATEGORIES A, B, C AND D FROM APP. E OF NUREG-0588.
SAFETY FUNCTION	-MAJOR PLANT SAFETY FUNCTIONS SUCH AS ENGINEERED SAFETY FEATURES (ESF) OR POST ACCIDENT MONITORING (PAM) ARE ENTERED HERE.
DATA SOURCE	-THIS ENTRY IS EITHER A FSAR REFERENCE (E.G. FSAR TABLE 7.3-1 WHICH LISTS ESFAS SENSOR PARAMETERS AND SET-points) OR THE INITIALS OF AN EQ CORE GROUP MEMBER WHO DETERMINED (ON A CONSERVATIVE BASIS AS DESCRIBED IN THE REPORT) THAT A CES IS REQUIRED.
CES #	-THE ACTUAL REFERENCE NUMBER OF THE APPLICABLE COMPONENT EVALUATION SHEET FOR THE COMPONENT.

REVISION 3
AUGUST 30, 1982

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0004

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : SE-05-1A	OPERABIL-ITY NORM/TEST DBA	40 YEARS NORMAL 1 MINUTE POST DBA	40 YEARS 18000CYCLS 32 CYCLS POST DBA	SL2 FSAR TABLE 3.11-2	RPT#2375 APP.A PG.6 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 792 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 350F
COMPONENT: SOLENOID VALVE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	108F NORM FIG. 10 ACC DBA	TRB15 SL2-FSAR TABLE311-1 T365	RPT#2375 APP.A PG.9 PG. 6,10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INST. MANUAL
MANUFACTURER: TARGET ROCK									MAINTAIN.: SEE INST. MANUAL
MAJOR : NOT SUPPLIER APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	ATMOS NORM FIG. 9 (ACC. DBA)	PRB15 SL2-FSAR TABLE311-1 P365	RPT#2375 APP.A PG.9 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: 78E-009 SERIAL # S/N 1	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100% ACCIDENT 100% ABNORMAL	HRB15 SL2-FSAR TABLE311-1 H365	RPT#2375 APP.A PG.9 PG.6,10 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: CONTAINMENT & SERVICE ISOLATION									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B 50PPM OF HYDRAZINE PH 8.6-10	CRB15 SL2-FSAR TABLE311-1 C365	RPT#2375 APP.A PG.9 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	3
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D .1 YR 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	3.53E7RADS INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	RPT#2375 APP.C PGS. 1-3 REF.1	H	NONE	
SPECIFICATIONS: 110A									
P.O #:422662 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YEARS	10CFR50 PARA 50.51	RPT#2375 APP.A PG.6 APP.F(APP. II,P.3)REF1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB16									
COORDINATES X- 617 Y- 1505 Z- 27.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	N/A	H	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0205	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 35.6
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	35.6							
QUALIF QUALIFIED-FOR	TEMPERATURE T	35.6							
STATUS INTERIM OPERATION	PRESSURE P	35.6							
	REL. HUMDTY H	35.6							
	CHEM. SPRAY C	35.6	REFERENCES: 1.IEEE 323-74,382-72 USED IN THE QUALIFICATION.						
	RADIATION R	35.6							
PHYS DWG REF: 2998G-365	AGING	35.6							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	35.6							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 35.6	SAR ENV CAT: A								SYSTEM :SAMPLING
	0588 CATEG.: A								
	APPENDIX E								TAG :SE-05-1A

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0005

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : SE-05-1B	OPERABIL-ITY	40 YEARS NORMAL	40 YEARS 180000CYCLS	SL2 FSAR TABLE 3.11-2	RPT#2375 APP.A PG.6 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 792 HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA	1 MINUTE POSYT DBA	32 CYCLS POST DBA						ACCEL TEMP: 350F
COMPONENT: SOLENOID VALVE	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	108F NORM FIG 10	TRB15 SL2-FSAR TABLE311-1 T365	RPT#2375 APP.A PG.9 TEST & PG. 6,10 EXTRA- REF.1 POL'N	COMB.	H	NONE	REPLACEMENT: SEE INST. MANUAL
MANUFACTURER: TARGET ROCK	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	ATMOS NORM FIG 9 (ACC. DBA)	PRB15 SL2-FSAR TABLE311-1 P365	RPT#2375 APP.A PG.9 TEST & PG.10 EXTRA- REF.1 POL'N	COMB.	H	NONE	MAINTAIN.: SEE INST. MANUAL
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL #: 78E009 S/N 4	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100% ACCID ENT 100% ABNORMAL	HRB15 SL2-FSAR TABLE311-1 H365	RPT#2375 APP.A PG.9 TEST & PG.6,10 EXTRA- REF.1 POL'N	COMB.	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CONTAINMENT ISOLATION									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B 150 PPM OF HYDRAZINE PH8.6-10.0	CRB15 SL2-FSAR TABLE311-1 C365	RPT#2375 APP.A PG.9 TEST & REF.1 EXTRA- POL'N	COMB.	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	3.53E7RADS INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	RPT#2375 APP.C PGS. 1-3 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	3
SPECIFICATIONS: 110A									
P.O #:422662 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YEARS	10CFR50 PARA 50.51	RPT#2375 APP.A PG.6 APP.F(APP. II,P.3)REF1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB16									
COORDINATES X- 617 Y- 1504 Z- 27.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	N/A	H	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0206	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4--TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 35.6
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	35.6							
**********	TEMPERATURE	T 35.6							
QUALIF QUALIFIED-FOR	PRESSURE	P 35.6							
STATUS INTERIM OPERATION	REL. HUMDTY	H 35.6							
********	CHEM. SPRAY	C 35.6							
*	RADIATION	R 35.6	REFERENCES: 1. IEEE 323-74,382-72 USED IN THE QUALIFICATION.						
**********	AGING	35.6							
PHYS DWG REF: 2998G-365	SUBMERGENCE	S 35.6							
PHYS DWG LOC:									REVISION # :03
MOUNTING : NOT APPLICABLE									DATE :08/30/82
EQ PACK # : 35.6	SAR ENV CAT: A								SYSTEM :SAMPLING
	0588 CATEG.: A								
	APPENDIX E								TAG :SE-05-1B

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0006

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : SE-05-1C	OPERABIL-ITY	40 YEARS NORMAL	40 YEARS 18000CYCLS	SL2 FSAR TABLE	RPT#2375 APP.A PG.6	COMB. TEST &	/	NONE	ACCEL TIME: 792 HRS
EQUIPMENT: VALVE OPERATORS	NORM/TEST DBA	1 MINUTE POST DBA	32 CYCLS POST DBA	3.11-2	PG.10 REF.1	EXTRA- POL'N			
TYPE									ACCEL TEMP: 350F
COMPONENT: SOLENOID VALVE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	108F NORM FIG 10 (ACC. DBA)	TRB15 SL2-FSAR TABLE311-1 T365	RPT#2375 APP.A PG.9 PG. 6,10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INST. MANUAL
MANUFACTURER: TARGET ROCK									MAINTAIN.:
MAJOR : NOT SUPPLIER APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	ATMOS NORM FIG 9 (ACC. DBA)	PRB15 SL2-FSAR TABLE311-1 P365	RPT#2375 APP.A PG.9 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	SEE INST. MANUAL SUBCOMPONENTS:
MODEL AND: 78E009 SERIAL # S/N 3	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100% ACCIDENT 100% ABNORMAL	HRB15 SL2-FSAR TABLE311-1 H365	RPT#2375 APP.A PG.9 PG.6,10 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: CONTAINMENT & SERVICE ISOLATION									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B 150 PPM OF HYDRAZINE PH8.6-10.0	CRB15 SL2-FSAR TABLE311-1 C365	RPT#2375 APP.A PG.9 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	3.53E7RADS INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	RPT#2375 APP.C PGS. 1-3 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 110A									
P.O #:422662 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YEARS	10CFR50 PARA 50.51	RPT#2375 APP.A PG.6 APP.F(APP. II,P.3)REF1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB16									ESF
COORDINATES X- 617 Y- 1503 Z- 27.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	N/A	H	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0207	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 35.6
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	35.6							
QUALIF QUALIFIED-FOR	TEMPERATURE T	35.6							
STATUS INTERIM OPERATION	PRESSURE P	35.6							
********	REL. HUMDTY H	35.6							
*	CHEM. SPRAY C	35.6							
**********	RADIATION R	35.6	REFERENCES: 1.IEEE 323-74,382-72 USED IN THE QUALIFICATION.						
PHYS DWG REF: 2998G-365	AGING	35.6							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	35.6							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 35.6	SAR ENV CAT: A								SYSTEM :SAMPLING
	0588 CATEG.: A								
	APPENDIX E								TAG :SE-05-1C

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0007

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : SE-05-1D	OPERABILITY	40 YEARS NORMAL	40 YEARS 18000CYCLS	SL2 FSAR TABLE	RPT#2375 APP.A PG.6	COMB. TEST &	/	NONE	ACCEL TIME: 792 HRS
	NORM/TEST	1 MINUTE	32 CYCLS	3.11-2	PG.10	EXTRA-			
EQUIPMENT: VALVE OPERATORS TYPE	DBA	POST DBA	POST DBA		REF.1	POL'N			ACCEL TEMP: 350F
COMPONENT: SOLENOID VALVE	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	108F NORM FIG. 10 (ACC. DBA)	TRB15 SL2-FSAR TABLE311-1 T365	RPT#2375 APP.A PG.9 PG. 6,10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INST. MANUAL
MANUFACTURER: TARGET ROCK	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	ATMOS NORM FIG. 9 (ACC. DBA)	PRB15 SL2-FSAR TABLE311-1 P365	RPT#2375 APP.A PG.9 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: SEE INST. MANUAL
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL #: 77CC001	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100% ACCIDENT 100% ABNORMAL	HRB15 SL2-FSAR TABLE311-1 H365	RPT#2375 APP.A PG.9 PG.6,10 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CONTAINMENT ISOLATION									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B 50 PPM OF HYDRAZINE PH8.6-10.0	CRB15 SL2-FSAR TABLE311-1 C365	RPT#2375 APP.A PG.9 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	3.53E7RADS INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	RPT#2375 APP.C PGS. 1-3 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 110A									
P.O #:422662 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YEARS	10CFR50 PARA 50.51	RPT#2375 APP.A PG.6 APP.F(APP. I,P.3)REF1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB16									
COORDINATES X- 617 Y- 1501 Z- 27.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	N/A	H	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0208									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	35.6
TEMPERATURE T	35.6
PRESSURE P	35.6
REL. HUMDTY H	35.6
CHEM. SPRAY C	35.6
RADIATION R	35.6
AGING	35.6
SUBMERGENCE S	35.6
SAR ENV CAT: A	
0588 CATEG.: A	
APPENDIX E	

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.IEEE 323-74,382-72 USED IN THE QUALIFICATION.

QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 35.6

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:35.6

REVISION # :03
DATE :08/30/82

SYSTEM :SAMPLING

TAG :SE-05-1D

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0008

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : SE-05-1E	OPERABIL-ITY	40 YEARS NORMAL	40 YEARS 18000CYCLS	SL2 FSAR TABLE 3.11-2	RPT#2375 APP.A PG.6 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 792 HRS
EQUIPMENT: VALVE OPERATORS	NORM/TEST	1 MINUTE	32 CYCLS						
TYPE	DBA	POST DBA	POST DBA						ACCEL TEMP: 350F
COMPONENT: SOLENOID VALVE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	108F NORM FIG. 10 (ACC. DBA)	TRB15 SL2-FSAR TABLE311-1 T365	RPT#2375 APP.A PG.9 PG.6,10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INST. MANUAL
MANUFACTURER: TARGET ROCK	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	ATMOS NORM FIG. 9 (ACC. DBA)	PRB15 SL2-FSAR TABLE311-1 P365	RPT#2375 APP.A PG.9 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: SEE INST. MANUAL
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND: SERIAL # 77CC001	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100% ACCIDENT 100% ABNORMAL	HRB15 SL2-FSAR TABLE311-1 H365	RPT#2375 APP.A PG.9 PG.6,10 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CONTAINMENT ISOLATION	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B 150 PPM OF HYDRAZINE PH8.6-10.0	CRB15 SL2-FSAR TABLE311-1 C365	RPT#2375 APP.A PG.9 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	3.53E7RADS INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	RPT#2375 APP.C PGS. 1-3 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. DEM.: NOT APPLICABLE									
SPECIFICATIONS: 110A									
P.O #:422662 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YEARS	10CFR50 PARA 50.51	RPT#2375 APP.A PG.6 APP.F(APP..I,P.3)REF1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB16									
COORDINATES X- 617. Y- 1501. Z- 27.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	N/A	H	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): NO									
INSTAL. REF: FV0209	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 35.6
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	35.6							
QUALIF QUALIFIED-FOR	TEMPERATURE T	35.6							
STATUS INTERIM OPERATION	PRESSURE P	35.6							
	REL. HUMDTY H	35.6							
*	CHEM. SPRAY C	35.6	REFERENCES: 1. IEEE 323-74, 382-72 USED IN THE QUALIFICATION.						
	RADIATION R	35.6							
PHYS DWG REF: 2998G-365	AGING	35.6							REVISION # : 03
PHYS DWG LOC:	SUBMERGENCE S	35.6							DATE : 08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 35.6	SAR ENV CAT: A								SYSTEM : SAMPLING
	0588 CATEG.: A								
	APPENDIX E								TAG : SE-05-1E

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0009

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : SE-09-2	OPERABIL-ITY NORM/TEST DBA	40 YEARS NORMAL 1 MINUTE POST DBA	40 YEARS 18000CYCLS 14 DAYS POST DBA	SL2 FSAR TABLE 3.11-2	RPT#2375 APP.A PG.6 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 792 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 350F
COMPONENT: SOLENOID VALVE	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	122F NORM ENVELOPES FIG.C-1A (ACC. DBA)	TTB23C SL2-FSAR TABLE311-1 T408 2C	RPT#2375 APP.A PG.9 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: INSTR.MANUAL
MANUFACTURER: TARGET ROCK									MAINTAIN.: INSTR.MANUAL
MAJOR : NOT SUPPLIER APPLICABLE	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	ATMOS.NORM ENVELOPES FIG.C-1B (ACC. DBA)	PTB23C SL2-FSAR TABLE311-1 P408 2C	RPT#2375 APP.A PG.9 PG.4.43 PG 10	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: 77CC001 SERIAL #	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100% ACCIDENT 100% ABNORMAL	HTB23C SL2-FSAR TABLE311-1 H408 2C	RPT#2375 APP.A PG.9 PG.10 PG.6 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: AUX FW PUMP 2A & SERVICE ISOLATION VALVES	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23S SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	3.53E7RADS INTEGRATED DOSE	RTB23C SL2-FSAR TABLE311-1 R408 2C	RPT#2375 APP.C PG.5 11-3 REF.1	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 110A									
P.O #:422662 CWD # : /	AGE- INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YEARS	10CFR50 PARA 50.51	RPT#2375 APP.A PG.6 APP.A(AP.I PG.3) REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: TB23									ESF
COORDINATES X- 746 Y- 1398 Z- 45.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23C SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): NO									
INSTAL. REF: FV0212									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER		SUPPL. REVIEW
OPERABILITY		35.6
TEMPERATURE	T	35.6
PRESSURE	P	35.6
REL. HUMDTY	H	35.6
CHEM. SPRAY	C	35.6
RADIATION	R	35.6
AGING		35.6
SUBMERGENCE	S	35.6

SAR ENV CAT: K
0588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1) IEEE323-74,382-72 USED IN THE QUALIFICATION

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:35.6

REVISION # :03
DATE :08/30/82

SYSTEM :FEEDWATER

TAG :SE-09-2

QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION
****
*

PHYS DWG REF: 2998G-408 2C
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 35.6

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0010

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : SE-09-3	OPERABIL-ITY NORM/TEST DBA	40 YEARS NORMAL 1 MINUTE POST DBA	40 YEARS 18000CYCLS 14 DAYS POST DBA	SL2 FSAR TABLE 3.11-2	RPT#2375 APP.A PG.6 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 792 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 350F
COMPONENT: SOLENOID VALVE	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	122F NORM ENVELOPES FIG.C-1A (ACC. DBA)	TTB23D SL2-FSAR TABLE311-1 T408 2C	RPT#2375 APP.A PG.9 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: INSTR.MANUAL
MANUFACTURER: TARGET ROCK									MAINTAIN.: INSTR.MANUAL
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	ATMOS.NORM ENVELOPES (ACC. DBA)	PTB23D SL2-FSAR TABLE311-1 P408 2C	RPT#2375 APP.A PG.9 PG 9.4.43 PG 10	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: 77CC001	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100% ACCIDENT 100% ABNORMAL	HTB23D SL2-FSAR TABLE311-1 H408 2C	RPT#2375 APP.A PG.9 PG.10 PG.6 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE: AUX FW PUMP 2B ISOLATION VALVES	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23D SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	3.53E7PADS INTEGRATED DOSE	RTB23D SL2-FSAR TABLE311-1 R408 2C	RPT#2375 APP.C PG.5 1-3 REF.1	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 110A									
P.O #:422662 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YEARS	10CFR50 PARA 50.51	RPT#2375 APP.A PG.6 APP.A(AP.I PG.3) REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: TB23									
COORDINATES X- 680 Y- 1396 Z- 45.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23D SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): NO									
INSTAL. REF: FV0213	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #			QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 35.6			
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	35.6							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE T	35.6							
	PRESSURE P	35.6							
	REL. HUMDTY H	35.6							
	CHEM. SPRAY C	35.6							
	RADIATION R	35.6	REFERENCES: 1) IEEE323-74,382-72 USED IN THE QUALIFICATION						
PHYS DWG REF: 2998G-408 2C	AGING	35.6							
PHYS DWG LOC:	SUBMERGENCE S	35.6							REVISION # :03 DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 35.6	SAR ENV CAT: K								SYSTEM :FEEDWATER
	0588 CATEG.: A								
	APPENDIX E								TAG :SE-09-3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0011

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : SE-09-4	OPERABIL-ITY NORM/TEST	40 YEARS NORMAL 1 MINUTE	40 YEARS 180000CYCLS 14 DAYS	SL2 FSAR TABLE 3.11-2	RPT#2375 APP.A PG.6 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 792 HRS
EQUIPMENT: VALVE OPERATORS TYPE	DBA	POST DBA	POST DBA						ACCEL TEMP: 350F
COMPONENT: SOLENOID VALVE	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	122F NORM ENVELOPES FIG.C-1A (ACC. DBA)	TTB23C SL2-FSAR TABLE311-1 T408 2C	RPT#2375 APP.A PG.9 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: INSTR.MANUAL
MANUFACTURER:TARGET ROCK									MAINTAIN.: INSTR.MANUAL
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	ATMOS.NORM ENVELOPES FIG.C-1B (ACC. DBA)	PTB23C SL2-FSAR TABLE311-1 P408 2C	RPT#2375 APP.A PG.9 PG 9,4.43 PG 10	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: 77CC001	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100% ACCIDENT 100% ABNORMAL	HTB23C SL2-FSAR TABLE311-1 H408 2C	RPT#2375 APP.A PG.9 PG.10 PG.6 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE AUX FW PUMP 2C ISOLATION									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23S SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 30 D 1 YR	1.0E5 INTEG RATED DOSE	3.53E7RADS INTEGRATED DOSE	RTB23C SL2-FSAR TABLE311-1 R408 2C	RPT#2375 APP.C PG.5 1-3 REF.1	COMB. TEST & EXTRA- POL'N	M	NONE
SPECIFICATIONS:110A									
P.O #:422662 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YEARS	10CFR50 PARA 50.51	RPT#2375 APP.A PG.6 APP.A(AP.I PG.3)REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: TB23									
COORDINATES X- 732 Y- 1397 Z- 45.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23C SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): NO									
INSTAL. REF:FV0214									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	35.6
TEMPERATURE T	35.6
PRESSURE P	35.6
REL. HUMDTY H	35.6
CHEM. SPRAY C	35.6
RADIATION R	35.6
AGING	35.6
SUBMERGENCE S	35.6

****
QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION
****
****

PHYS DWG REF: 2998G-408 2C
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 35.6

SAR ENV CAT: K
O588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)IEEE323-74,382-72 USED IN THE QUALIFICATION

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:35.6

REVISION # :03
DATE :08/30/82

SYSTEM :AUXILIARY FEEDWATER
TAG :SE-09-4

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0012

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : SE-09-5	OPERABIL-ITY /NORM/TEST /DBA	40 YRS NOR M 1 MINUTE POST DBA	40 YRS 1800CYCLES 14 DAYS POST DBA	SL2 FSAR TABLE 3.11-2	RPT#2375 APP.A PG.6 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 792 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 350F
COMPONENT: SOLENOID VALVE	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	122F NORM ENVELOPES FIG.C-1A (ACC. DBA)	TTB23D SL2-FSAR TABLE311-1 T408 2C	RPT#2375 APP.A PG.9 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: INSTR.MANUAL
MANUFACTURER: TARGET ROCK									MAINTAIN.: INSTR.MANUAL
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	ATMOS.NORM ENVELOPES FIG.C-1B (ACC. DBA)	PTB23D SL2-FSAR TABLE311-1 P408 2C	RPT#2375 APP.A PG.9 PG 9,4;43 PG 10	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: 77CC001	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100% ACCIDENT 100% ABNORMAL	HTB23D SL2-FSAR TABLE311-1 H408 2C	RPT#2375 APP.A PG.9 PG.10 PG.6 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE: AUX FW P 2C ISOLATION VALVES	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23D SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	3.53E7RADS INTEGRATED DOSE	RTB23D SL2-FSAR TABLE311-1 R408 2C	RPT#2375 APP.C PG.5 1-3 REF.1	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 110A									
P.O #:422662 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YEARS	10CFR50 PARA 50.51	RPT#2375 APP.A PG.6 APP.A(AP.I PG.3)REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: TB23									
COORDINATES X- 680 Y- 1394 Z- 45.0	SUBMERGED	NO AREA FLOODING	NOT APPLICALBE	STB23D SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): NO									
INSTAL. REF: FV0215									
QUALIF EXEMPTN: NOT APPLIC									

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)IEEE323-74,382-72 USED IN THE QUALIFICATION

PARA-METER	SUPPL. REVIEW
OPERABILITY	35.6
TEMPERATURE T	35.6
PRESSURE P	35.6
REL. HUMDTY H	35.6
CHEM. SPRAY C	35.6
RADIATION R	35.6
AGING	35.6
SUBMERGENCE S	35.6

QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION

PHYS DWG REF: 2998G-408 2C
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 35.6

SAR ENV CAT: K
10588 CATEG.: A
APPENDIX E

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:35.6

REVISION # :03
DATE :08/30/82

SYSTEM :AUXILIARY FEEDWATER
TAG :SE-09-5

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0018

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION. ACTUAL (3)	DOCUMENTATION. DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : RD-26-40	OPERABIL-ITY NORM/TEST	40 YEARS + 180 DAYS POST DBA	40 YEARS + >200 DAYS POST DBA	SL2-FSAR TABLE 3.11-2	GA REP'T E-254-960 APP 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: N/A (APP-12)
EQUIPMENT: SENSORS TYPE	DBA								ACCEL TEMP: N/A (APP-12)
COMPONENT: RADIATION DETECTOR	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	131F NORM FIG.10 (ACC. DBA)	TRB17 SL2-FSAR TABLE311-1 T367	GA REP'T E-254-960 APP 1 PG 17-22	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INSTRUCTION MANUAL 3
MANUFACTURER: GENERAL ATOMIC									MAINTAIN.: SEE INSTRUCTION MANUAL
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM FIG.9 (ACC. DBA)	PRB17 SL2-FSAR TABLE311-1 P367	GA REP'T E-254-960 APP 1 PG 17-22	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: RD-23	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB17 SL2-FSAR TABLE311-1 H367	GA REP'T E-254-960 APP 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE RADIATION LEVEL MONITORING									
ACCUR. SPEC: +/- 2%	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB17 SL2-FSAR TABLE311-1 C367	GA REP'T E-254-960 APP 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. DEM.: +/- 2%	R 2 HR A 30 D D 1 YR . 40YR/RW	7.4E7 5.8E6 1.3E8 1.4E7 1.6E8 1.5E7 7.0E5 3.1E6	>2.0E8 RAD TOTAL INTEGRATED DOSE	RRB17 SL2-FSAR TABLE311-1 R367	E-254-960 APP.12 E-255-1061 TBL 3-1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 029									
P.O #: 422609 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	GA REP'T E-254-960 APP 12	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB17									
COORDINATES X- 755 Y- 1502 Z- 90	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SRB17 SL2-FSAR TABLE311-1 S367	NOT APPLICABLE	N/A	H	NONE	PAM AUTH. REFERENCE: MRL
INSTALLED (Y/N): NO									
INSTAL. REF: FV0200	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 8.3
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.3							
QUALIF QUALIFIED	TEMPERATURE T	8.3							
STATUS	PRESSURE P	8.3							
********	REL. HUMDTY H	8.3							
*	CHEM. SPRAY C	8.3							
	RADIATION R	8.3	REFERENCES: 1.TST PRFL ENVELOPES ACT PRFL (SEE SRS T 8.3A & P8.3A)						
PHYS DWG REF: 2998G-367	AGING	8.3							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	8.3							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 8.3	SAR ENV CAT: A								SYSTEM :RADIATION MONITORING
	0588 CATEG.: A								TAG :RD-26-40
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0019

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : RD-26-41	OPERABIL-ITY NORM/TEST	40 YEARS 180 DAYS POST DBA	40 YEARS + >200 DAYS POST DBA	SL2-FSAR TABLE 311-2	GA REP'T E-254-960 APP 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: N/A (APP-12)
EQUIPMENT: SENSORS TYPE	DBA								ACCEL TEMP: N/A (APP-12)
COMPONENT: RADIATION DETECTOR	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	131F NORM FIG.10 (ACC. DBA)	TRB17 SL2-FSAR TABLE311-1 T367	GA REP'T E-254-960 APP 1 PG 17-22	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INSTRUCT ION MANUAL
MANUFACTURER: GENERAL ATOMIC									MAINTAIN.:
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM FIG.9 (ACC. DBA)	PRB17 SL2-FSAR TABLE311-1 P367	GA REP'T E-254-960 APP 1 PG 17-22	COMB. TEST & EXTRA- POL'N	H	NONE	SEE INSTRUCT ION MANUAL SUBCOMPONENTS:
MODEL AND SERIAL #: RD-23	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB17 SL2-FSAR TABLE311-1 H367	GA REP'T E-254-960 APP 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIP.
FUNCT.DES: & SERVICE RADIATION LEVEL MONITORING									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB17 SL2-FSAR TABLE311-1 C367	GA REP'T E-254-960 APP 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: +/- 2%									
ACCUR. DEM.: +/- 2%	R A D . 40YR/RW	2 HR 7.4E7 5.8E6 30 D 1.3E8 1.4E7 1 YR 1.6E8 1.5E7 7.0E5 3.1E6	>2.0E8 RAD TOTAL INTEGRATED DOSE	RRB17 SL2-FSAR TABLE311-1 R367	E-254-960 APP.12 E-255-1061 TBL 3-1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 029									
P.O #: 422609 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	GA REP'T E-254-960 APP 12	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB17									
COORDINATES X- 755 Y- 1502 Z- 90	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SRB17 SL2-FSAR TABLE311-1 S367	NOT APPLICABLE	N/A	H	NONE	PAM AUTH. REFERENCE: MRL
INSTALLED (Y/N): NO									
INSTAL. REF: FV0201	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 8.3
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	8.3							
QUALIF QUALIFIED	TEMPERATURE T	8.3							
STATUS	PRESSURE P	8.3							
********	REL. HUMDTY H	8.3							
*	CHEM. SPRAY C	8.3	REFERENCES: 1.TST PRFL ENVLPS ACT PRFL (SEE SRS T 8.3A & P8.3A)						
**********	RADIATION R	8.3							
PHYS DWG REF: 2998G-367	AGING	8.3							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	8.3							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 8.3	SAR ENV CAT: A								SYSTEM :RADIATION MONITORING
	0588 CATEG.: A								TAG :RD-26-41
	APPENDIX E								

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0020

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : CPL/BISHOP 45	OPERABIL-ITY	40 YRS	REF 1,2	SL2-FSAR	REF 1,2	REF 1, 2	/	NONE	ACCEL TIME: N/A
	NORM/TEST DBA	180 DAYS POST DBA		TABLE 3.11-2					
EQUIPMENT: LUBRICANTS TYPE									ACCEL TEMP: N/A
COMPONENT: CABLE PULLING LUBRICANT	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	REF 1,2	TRB15 SL2-FSAR TABLE311-1 T365	REF 1,2	REF 1, 2	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: BISHOP ELECTRIC CO.	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	REF 1,2	PRB15 SL2-FSAR TABLE311-1 P365	REF 1,2	REF 1, 2	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : BISHOP#45	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	REF 1,2	HRB15 SL2-FSAR TABLE311-1 H365	REF 1,2	REF 1 2	/	NONE	*****REFS******* 1)THIS MATERIAL IS NUREG0588 CAT.B AS IT DOESN'T PERFORM SAFTY FUNCTN BUT
FUNCT.DES: & SERVICE REDUCES FRICTION WHILE INSTALLING CABLE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	REF 1,2	CRB15 SL2-FSAR TABLE311-1 C365	REF 1,2	REF1,2	H	NONE	IT MUST NOT DAMAGE SAFTYRELATED EQUIPMENT(CABLES,CLOG DRAIN,ETC) 2)STANDARD TESTS(IEEE383)
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	REF 1,2	RRB15B R SL2-FSAR TABLE311-1 R365	REF1,2	REF1,2	H	NONE	ANALYSIS OF MATERIALS DOCUMENTATION BY CABLE VENDORS SHOW THIS WATER-SOLUBLE MATERIAL
SPECIFICATIONS: 278M									IS ACCEPTABLE.
P.O #: BY FLD CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	REF 1,2	10CFR50 PARA 50.51	REF 1,2	REF1,2	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB15									
COORDINATES X- 650. Y- 1452. Z- 24.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	REF 1,2	SRB15 SL2-FSAR TABLE311-1 S365	REF 1,2	REF1,2	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0637	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 33.2
QUALIF EXEMPTN: NOT APPLICA.	OPERABILITY	33.2							
QUALIF QUALIFIED-	TEMPERATURE T	33.2							
STATUS	PRESSURE P	33.2							
	REL. HUMDTY H	33.2							
*	CHEM. SPRAY C	33.2	REFERENCES: ***FOR REFS SEE UNDER SUBCOMP.						
	RADIATION R	33.2							
PHYS DWG REF: 2998G-365	AGING	33.2							REVISION # : 03
PHYS DWG LOC:	SUBMERGENCE S	33.2							DATE : 08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 33.2	SAR ENV CAT: A								SYSTEM : CABLE & RACEWAY
	0588 CATEG.: B								TAG : CPL/BISHOP 45
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0021

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : POLYWATER	OPERABIL-ITY	40 YRS	REF 1,2	SL2-FSAR TABLE 3.11-2	REF 1,2	REF 1, 2	/	NONE	ACCEL TIME: N/A
EQUIPMENT: LUBRICANTS TYPE	NORM/TEST DBA	180 DAYS POST DBA							ACCEL TEMP: N/A
COMPONENT: CABLE PULLING LUBRICANT	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	REF 1,2	TRB15 SL2-FSAR TABLE311-1 T365	REF 1,2	REF 1, 2	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: POLYWATER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	REF 1,2	PRB15 SL2-FSAR TABLE311-1 P365	REF 1,2	REF 1, 2	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL #: POLYWATER	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	REF 1,2	HRB15 SL2-FSAR TABLE311-1 H365	REF 1,2	REF 1 2	/	NONE	****REFS**** 1)THIS MATERIAL IS NUREG0588 CAT.B AS IT DOES NOT PER FORM SAFTY FUNCTN
FUNCT.DES: & SERVICE REDUCES FRICTION WHILE INSTALLING CABLE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	REF 1,2	CRB15 SL2-FSAR TABLE311-1 C365	REF 1,2	REF1,2	H	NONE	BUT IT MUST NOT DA MAGE SAFTYRELATED EQUIPMNT (CABLES, CLOGDRAIN,ETC)
ACCUR. SPEC: NOT APPLICABLE									2)STANDARD TESTS (IEEE383)ANALYSIS
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 30 D 1 YR	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	RRB15B R SL2-FSAR TABLE311-1 R365	REF1,2	REF1,2	H	NONE	OF MATERIALS,DOCUMENTATION BY CABLE VENDORS SHOW THIS MATERIAL IS
SPECIFICATIONS: 278M									ACCEPTABLE
P.O #: BY FLD CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1,2	10CFR50 PARA 50.51	REF 1,2	REF1,2	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB15									
COORDINATES X- 650. Y- 1452. Z- 24.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	REF 1,2	SRB15 SL2-FSAR TABLE311-1 S365	REF 1,2	REF1,2	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0650	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 33.1
QUALIF EXEMPTN: NOT APPLICA.	OPERABILITY	33.1							
QUALIF QUALIFIED	TEMPERATURE	T 33.1							
STATUS	PRESSURE	P 33.1							
********	REL. HUMDTY	H 33.1							
*	CHEM. SPRAY	C 33.1	REFERENCES:		FOR REFERENCES LOOK UNDER SUBCOMPONENTS.				
	RADIATION	R 33.1							
PHYS DWG REF: 2998G-365	AGING	33.1							REVISION # : 03
PHYS DWG LOC:	SUBMERGENCE	S 33.1							DATE : 08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 33.1	SAR ENV CAT: A								SYSTEM : CABLE & RACEWAY
	0588 CATEG.: B								TAG : POLYWATER
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0029

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-18	OPERABIL-ITY /NORM/TEST /DBA	40 YRS <2000CYCLS <1 MIN POST DBA	40 YRS 100100CYCL 400 HOURS POST DBA	SL2-FSAR TABLE311-2 OPER RVIEW	PG 4-18, 4-21,4-27 OF [REF.1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 400 HRS ACCEL TEMP: 284F
EQUIPMENT: LIMIT SWITCHES TYPE	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	194F NORM 248F ACC	TAB24I SL2-FSAR TABLE311-1 T390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: FIGS.8-12 OF NAMCO REPORT MAINTAIN.:
COMPONENT: POSITION SWITCH MANUFACTURER:NAMCO	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM AND ACC DBA	PAB24 SL2-FSAR TABLE311-1 P390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	FIGS.8-12 OF NAMCO REPORT SUBCOMPONENTS:
MAJOR : AMERICAN SUPPLIER WARMING MODEL AND: EA-170 SERIES SERIAL # SEE REF 3	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24I SL2-FSAR TABLE311-1 H390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: ECCS SUPPLY & SERVICE D-1	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	12.04E8RADS TOTAL INTEGRATED DOSE	RAB24M SL2-FSAR TABLE311-1 R390	PG 12-7 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:780E P.O #:422617 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20,27 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB24 COORDINATES X- 581.0 Y- 1486.0 Z- 5.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO INSTAL. REF:FV0252 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.1
********** *QUALIF* QUALIFIED *STATUS* ******** * **********	OPERABILITY TEMPERATURE T PRESSURE P REL. HUMDTY H CHEM. SPRAY C RADIATION R	9.1 9.1 9.1 9.1 9.1 9.1	REFERENCES: 1)NAMCO REPORT QTR-107 OF 3/81 2)QUAL TO IEEE323-74,382-72 3)EXACT MODELS TO BE FIELD VERIFIED						
PHYS DWG REF: 2998G-390 PHYS DWG LOC: MOUNTING : N/A EQ PACK # : 9.1	AGING SUBMERGENCE S SAR ENV CAT: D 0588 CATEG.: A APPENDIX E	9.1 9.1							REVISION # :03 DATE :08/30/82 SYSTEM :ECCS VENTILATING TAG :ZS-25-18

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0030

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-19	OPERABIL-ITY	40 YRS <2000CYCLS	40 YRS 100100CYCL	SL2-FSAR TABLE311-2	PG 4-18, 4-21,4-27	COMB. TEST &	/	NONE	ACCEL TIME: 400 HRS
EQUIPMENT: LIMIT SWITCHES	NORM/TEST DBA	<1 MIN POST DBA	400 HOURS POST DBA	OPER RVIEW	OF [REF.1] REF 2	EXTRA- POL'N			ACCEL TEMP: 284F
TYPE									3
COMPONENT: POSITION SWITCH	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	194F NORM 248F ACC	TAB24I SL2-FSAR TABLE311-1 T390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: FIGS.8-12 OF NAMCO REPORT
MANUFACTURER:NAMCO									MAINTAIN.:
MAJOR SUPPLIER: AMERICAN WARMING	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM AND ACC DBA	PAB24 SL2-FSAR TABLE311-1 P390	PG 4-18 OF [REF. 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	FIGS.8-12 OF NAMCO REPORT SUBCOMPONENTS:
MODEL AND SERIAL #: EA-170 SERIES SEE REF 3	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24I SL2-FSAR TABLE311-1 H390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE D-1									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 240 4.0E4 30 D 2.8E5 2.2E5 1 YR 4.2E5 3.1E5 40YR/RW 1.0E4 2.0E5	2.04E8RADS TOTAL INTEGRATED DOSE	RAB24M SL2-FSAR TABLE311-1 R390	PG 12-7 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	3
SPECIFICATIONS:780E									
P.O #:422617 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20,27 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB24									
COORDINATES X- 581.0 Y- 1486.0 Z- 5.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF:FV0546									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	9.1
TEMPERATURE T	9.1
PRESSURE P	9.1
REL. HUMDTY H	9.1
CHEM. SPRAY C	9.1
RADIATION R	9.1
AGING	9.1
SUBMERGENCE S	9.1
SAR ENV CAT: D	
0588 CATEG.: A	
APPENDIX E	

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1) NAMCO REPORT QTR-107 OF 3/81
2) QUAL TO IEEE323-74,382-72
3) EXACT MODELS TO BE FIELD VERIFIED

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.1

QUALIF QUALIFIED
STATUS
****
*
****

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 9.1

3

REVISION # :03
DATE :08/30/82

SYSTEM :HEATING & VENTILATING
TAG :ZS-25-19

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0031

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-120	OPERABIL-ITY	40 YRS <2000CYCLS	40 YRS 100100CYCL	SL2-FSAR TABLE311-2	PG 4-18, 4-21,4-27	COMB. TEST &	/	NONE	ACCEL TIME: 400 HRS
	NORM/TEST DBA	<1 MIN POST DBA	400 HOURS POST DBA	OPER RVIEW	OF [REF.1] REF 2	EXTRA- POL'N			
EQUIPMENT: LIMIT SWITCHES									3 ACCEL TEMP: 284F
TYPE									
COMPONENT: POSITION SWITCH	TEMPERAT-URE	85.5F NORM 112F1200HR	194F NORM 248F ACC	TAB24I SL2-FSAR	PG 4-18 OF [REF 1]	COMB. TEST &	M	NONE	REPLACEMENT: FIGS.8-12 OF
		104FDESIGN		TABLE311-1 T390	EXTRA- REF 2	POL'N			NAMCO REPORT
MANUFACTURER:NAMCO									MAINTAIN.:
	PRESSURE	ATMOS NORM OPSIG	ATMOS NORM AND ACC	PAB24 SL2-FSAR	PG 4-18 OF [REF 1]	COMB. TEST &	M	NONE	FIGS.8-12 OF NAMCO REPORT
MAJOR : AMERICAN		(ACC. DBA)	DBA	TABLE311-1	EXTRA-				SUBCOMPONENTS:
SUPPLIER WARMING				P390	REF 2	POL'N			
MODEL AND: EA-170 SERIES	RELATIVE HUMIDITY	70.0% NORM	100%	HAB24I SL2-FSAR	PG 4-18 OF [REF 1]	COMB. TEST &	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE
SERIAL # SEE REF 3		72.0%1200H		TABLE311-1	EXTRA-				ENVELOPED BY THIS
FUNCT.DES: ECCS SUPPLY		50% DESIGN		H390	REF 2	POL'N			EQUIPMENT
& SERVICE D-2	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.04E8RADS TOTAL INTEGRATED DOSE	RAB24M SL2-FSAR TABLE311-1 R390	PG 12-7 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	3
ACCUR. DEM.: NOT APPLICABLE									
SPECIFICATIONS:780E									
P.O #:422617 CWD # : /	AGE- INST LIFE (PER 323- 1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20,27 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB24									
COORDINATES X- 573.0 Y- 1484.0 Z- 5.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF:FV0245	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	9.1							
QUALIF QUALIFIED	TEMPERATURE T	9.1							
STATUS	PRESSURE P	9.1							
	REL. HUMDTY H	9.1							
	CHEM. SPRAY C	9.1							
	RADIATION R	9.1	REFERENCES: 1)NAMCO REPORT QTR-107 OF 3/81 2)QUAL TO IEEE323-74,382-72 3)EXACT MODELS TO BE FIELD VERIFIED						3
	AGING	9.1							
PHYS DWG REF: 2998G-390	SUBMERGENCE S	9.1							REVISION # :03 DATE :08/30/82
PHYS DWG LOC:									
MOUNTING : N/A	SAR ENV CAT: D								SYSTEM :ECCS VENTILATING
EQ PACK # : 9.1	10588 CATEG.: A								TAG :ZS-25-120
	APPENDIX E								

A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: 890 MW(E) | CES#-0032

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-121	OPERABILITY NORM/TEST	40 YRS <2000CYCLS <1 MIN POST DBA	40 YRS 100100CYCL 400 HOURS POST DBA	SL2-FSAR TABLE311-2 OPER RVIEW	PG 4-18, 4-21,4-27 OF [REF.1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 400 HRS
EQUIPMENT: LIMIT SWITCHES TYPE	TEMPERATURE	85.5F NORM 112F1200HR 104FDESIGN	194F NORM 248F ACC	TAB24I SL2-FSAR TABLE311-1 T390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	ACCEL TEMP: 284F
COMPONENT: POSITION SWITCH									3
MANUFACTURER: NAMCO	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM AND ACC DBA	PAB24 SL2-FSAR TABLE311-1 P390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: FIGS.8-12 OF NAMCO REPORT MAINTAIN.:
MAJOR SUPPLIER : AMERICAN WARMING									FIGS.8-12 OF NAMCO REPORT SUBCOMPONENTS:
MODEL AND SERIAL # : EA-170 SERIES SEE REF 3	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24I SL2-FSAR TABLE311-1 H390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE ECCS SUPPLY D-2									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.04E8RADS TOTAL INTEGRATED DOSE	RAB24M SL2-FSAR TABLE311-1 R390	PG 12-7 OF [REF 1], REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	3
SPECIFICATIONS: 780E									
P.O #: 422617 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20,27 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB24									
COORDINATES X- 573.0 Y- 1484.0 Z- 5.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO INSTAL. REF: FV0246 QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	9.1
TEMPERATURE T	9.1
PRESSURE P	9.1
REL. HUMDTY H	9.1
CHEM. SPRAY C	9.1
RADIATION R	9.1
AGING	9.1
SUBMERGENCE S	9.1

QUALIF QUALIFIED
STATUS

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 9.1

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1) NAMCO REPORT QTR-107 OF 3/81
2) QUAL TO IEEE323-74,382-72
3) EXACT MODELS TO BE FIELD VERIFIED

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 9.1

REVISION # : 03
DATE : 08/30/82

SYSTEM : ECCS VENTILATING
TAG : ZS-25-121

3

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0033

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : ZS-25-122	OPERABIL-ITY	40 YRS	40 YRS	SL2-FSAR	PG 4-18,	COMB.	/	NONE	ACCEL TIME: 400 HRS
		<2000CYCLS	100100CYCL	TABLE311-2	4-21,4-27	TEST &			
EQUIPMENT: LIMIT SWITCHES	NORM/TEST	<1 MIN	400 HOURS	OPER RVIEW	OF [REF.1]	EXTRA-			ACCEL TEMP:
TYPE	DBA	POST DBA	POST DBA		REF 2	POL'N			284F
	TEMPERAT-URE	85.5F NORM	194F NORM	TAB24I	PG 4-18	COMB.	M	NONE	
COMPONENT: POSITION SWITCH			248F ACC	SL2-FSAR	OF [REF 1]	TEST &			REPLACEMENT: 3
		112F1200HR		TABLE311-1		EXTRA-			FIGS.8-12 OF
		104FDESIGN		T390	REF 2	POL'N			NAMCO REPORT
MANUFACTURER:NAMCO									MAINTAIN.:
	PRESSURE	ATMOS NORM	ATMOS NORM	PAB24	PG 4-18	COMB.	M	NONE	FIGS.8-12 OF
		OPSIG	AND ACC	SL2-FSAR	OF [REF 1]	TEST &			NAMCO REPORT
MAJOR : AMERICAN		(ACC. DBA)	DBA	TABLE311-1		EXTRA-			SUBCOMPONENTS:
SUPPLIER WARMING				P390	REF 2	POL'N			
									NO UNIQUE TAGGED
MODEL AND: EA-170 SERIES	RELATIVE HUMIDITY	70.0% NORM	100%	HAB24I	PG 4-18 OF	COMB.	/	NONE	SUBCOMPONENTS ARE
SERIAL # SEE REF 3				SL2-FSAR	[REF 1]	TEST &			ENVELOPED BY THIS
		72.0%1200H		TABLE311-1		EXTRA-			EQUIPMENT
FUNCT.DES: ECCS SUPPLY		50% DESIGN		H390	REF 2	POL'N			.
& SERVICE D-3	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
	R 2 HR	240 4.0E4	2.04E8RADS	RAB24M	PG 12-7 OF	COMB.	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	A 30 D	2.8E5 2.2E5	TOTAL	SL2-FSAR	[REF 1]	TEST &			
	D 1 YR	4.2E5 3.1E5	INTEGRATED	TABLE311-1		EXTRA-			
	40YR/RW	1.0E4 2.0E5	DOSE	R390	REF 2	POL'N			
SPECIFICATIONS:780E	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20,27 OF [REF 1]	COMB. TEST & EXTRA-	/	NONE	SAFETY FUNCTION: 3 PAM
P.O #:422617 CWD # : /					REF 2	POL'N			
PLANT LOC.: AB24									
COORDINATES X- 564.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
Y- 1486.0									AUTH. REFERENCE:
Z- 5.0				S390					3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF:FV0063	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	9.1							
**********	TEMPERATURE T	9.1							
QUALIF QUALIFIED	PRESSURE P	9.1							
STATUS	REL. HUMDTY H	9.1							
********	CHEM. SPRAY C	9.1	REFERENCES: 1)NAMCO REPORT QTR-107 OF 3/81						
*	RADIATION R	9.1	2)QUAL TO IEEE323-74,382-72						
**********	AGING	9.1	3)EXACT MODELS TO BE FIELD VERIFIED						REVISION # :03
PHYS DWG REF: 2998G-390	SUBMERGENCE S	9.1							DATE :08/30/82 3
PHYS DWG LOC:									
MOUNTING : N/A	SAR ENV CAT: D								SYSTEM :ECCS VENTILATING
EQ PACK # : 9.1	0588 CATEG.: A								TAG :ZS-25-122
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0034

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-123	OPERABIL-ITY	40 YRS <2000CYCLS	40 YRS 100100CYCL	SL2-FSAR TABLE311-2	PG 4-18, 4-21,4-27	COMB. TEST &	/	NONE	ACCEL TIME: 400 HRS
	NORM/TEST	<1 MIN	400 HOURS	OPER RVIEW	OF [REF.1]	EXTRA-			
EQUIPMENT: LIMIT SWITCHES	DBA	POST DBA	POST DBA		REF 2	POL'N			ACCEL TEMP: 284F
TYPE	TEMPERAT-URE	85.5F NORM	194F NORM	TAB24I	PG 4-18	COMB. TEST &	M	NONE	
COMPONENT: POSITION SWITCH		112F1200HR	248F ACC	SL2-FSAR TABLE311-1	OF [REF 1]	EXTRA-			REPLACEMENT: FIGS.8-12 OF
		104FDESIGN		T390	REF 2	POL'N			NAMCO REPORT
MANUFACTURER:NAMCO	PRESSURE	ATMOS NORM OPSIG	ATMOS NORM AND ACC	PAB24 SL2-FSAR	PG 4-18 OF [REF 1]	COMB. TEST &	M	NONE	MAINTAIN.: FIGS.8-12 OF
MAJOR : AMERICAN		(ACC. DBA)	DBA	TABLE311-1		EXTRA-			NAMCO REPORT
SUPPLIER WARMING				P390	REF 2	POL'N			SUBCOMPONENTS:
MODEL AND: EA-170 SERIES	RELATIVE HUMIDITY	70.0% NORM	100%	HAB24I SL2-FSAR	PG 4-18 OF [REF 1]	COMB. TEST &	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE
SERIAL # SEE REF 3		72.0%1200H		TABLE311-1		EXTRA-			ENVELOPED BY THIS
FUNCT.DES: ECCS SUPPLY		50% DESIGN		H390	REF 2	POL'N			EQUIPMENT
& SERVICE D-3	CHEMICAL SPRAY	AREA NOT SUBJECT TO	NOT APPLICABLE	CAB24 SL2-FSAR	NOT APPLICABLE	N/A	M	NONE	
		CHEMICAL		TABLE311-1					
ACCUR. SPEC: NOT APPLICABLE		SPRAY							
	R 2 HR	240 4.0E4	2.04E8RADS	RAB24M	PG 12-7 OF	COMB.	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	A 30 D	2.8E5 2.2E5	TOTAL	SL2-FSAR	[REF 1]	TEST &			
	D 1 YR	4.2E5 3.1E5	INTEGRATED	TABLE311-1		EXTRA-			
	. 40YR/RW	1.0E4 2.0E5	DOSE	R390	REF 2	POL'N			
SPECIFICATIONS:780E	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20,27 OF [REF 1]	COMB. TEST &	/	NONE	SAFETY FUNCTION: PAM
P.O #:422617 CWD # : /						EXTRA-			
PLANT LOC.: AB-24					REF 2	POL'N			
COORDINATES X- 564.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR	NOT APPLICABLE	N/A	M	NONE	
Y- 1486.0				TABLE311-1					
Z- 5.0				S390					AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF:FV0107	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	9.1							
**********	TEMPERATURE	T 9.1							
QUALIF QUALIFIED	PRESSURE	P 9.1							
STATUS	REL. HUMDTY	H 9.1							
********	CHEM. SPRAY	C 9.1	REFERENCES: 1)NAMCO REPORT QTR-107 OF 3/81						
*	RADIATION	R 9.1	2)QUAL TO IEEE323-74,382-72						
**********	AGING	9.1	3)EXACT MODELS TO BE FIELD VERIFIED						REVISION # :03 DATE :08/30/82
PHYS DWG REF: 2998G-390	SUBMERGENCE	S 9.1							
PHYS DWG LOC:									SYSTEM :HEATING & VENTILATING
MOUNTING : N/A	SAR ENV CAT: D								TAG :ZS-25-123
EQ PACK # : 9.1	0588 CATEG.: A								
	APPENDIX E								

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0035

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-118	OPERABIL-ITY	40 YRS <2000CYCLS	40 YRS 100100CYCL	SL2-FSAR TABLE311-2	PG 4-18, 4-21,4-27	COMB. TEST &	/	NONE	ACCEL TIME: 400 HRS
EQUIPMENT TYPE: LIMIT SWITCHES	NORM/TEST DBA	<1 MIN POST DBA	400 HOURS POST DBA	OPER RVIEW	OF [REF.1] REF 2	EXTRA- POL'N			ACCEL TEMP: 284F
COMPONENT: POSITION SWITCH	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	194F NORM 248F ACC	TAB24I SL2-FSAR TABLE311-1 T390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: FIGS.8-12 OF NAMCO REPORT
MANUFACTURER:NAMCO	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM AND ACC DBA	PAB24 SL2-FSAR TABLE311-1 P390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: 3 FIGS.8-12 OF NAMCO REPORT
MAJOR SUPPLIER : AMERICAN WARMING									SUBCOMPONENTS:
MODEL AND SERIAL #: EA-170 SERIES SEE REF 3	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24I SL2-FSAR TABLE311-1 H390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE D-4									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.04E8RADS TOTAL INTEGRATED DOSE	RAB24M SL2-FSAR TABLE311-1 R390	PG 12-7 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	3
SPECIFICATIONS:780E									
P.O #:422617 CWD # : /	AGE- INST LIFE (PER 323- 1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20,27 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB24									
COORDINATES X- 557.0 Y- 1485.0 Z- 5.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO INSTAL. REF:FV0242 QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	9.1
TEMPERATURE T	9.1
PRESSURE P	9.1
REL. HUMDTY H	9.1
CHEM. SPRAY C	9.1
RADIATION R	9.1
AGING	9.1
SUBMERGENCE S	9.1

QUALIF QUALIFIED
STATUS

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 9.1

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1)NAMCO REPORT QTR-107 OF 3/81
2)QUAL TO IEEE323-74,382-72
3)EXACT MODELS TO BE FIELD VERIFIED

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.1

REVISION # :03
DATE :08/30/82

SYSTEM :ECCS VENTILATING
TAG :ZS-25-118

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0036

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-119	OPERABIL-ITY	40 YRS	40 YRS	SL2-FSAR	PG 4-18,	COMB.	/	NONE	ACCEL TIME:
		<2000CYCLS	100100CYCL	TABLE311-2	4-21,4-27	TEST &			400 HRS
	NORM/TEST	<1 MIN	400 HOURS	OPER RVIEW	OF [REF.1]	EXTRA-			
EQUIPMENT: LIMIT SWITCHES	DBA	POST DBA	POST DBA		REF 2	POL'N			ACCEL TEMP:
TYPE									284F
	TEMPERAT-URE	85.5F NORM	194F NORM	TAB24I	PG 4-18	COMB.	M	NONE	
COMPONENT: POSITION SWITCH			248F ACC	SL2-FSAR	OF [REF 1]	TEST &			REPLACEMENT:
		112F1200HR		TABLE311-1		EXTRA-			FIGS.8-12 OF
		104FDESIGN		T390	REF 2	POL'N			NAMCO REPORT
MANUFACTURER:NAMCO									MAINTAIN.:
	PRESSURE	ATMOS NORM	ATMOS NORM	PAB24	PG 4-18	COMB.	M	NONE	FIGS.8-12 OF
		OPSIG	AND ACC	SL2-FSAR	OF [REF 1]	TEST &			NAMCO REPORT
MAJOR : AMERICAN		(ACC. DBA)	DBA	TABLE311-1		EXTRA-			SUBCOMPONENTS:
SUPPLIER WARMING				P390	REF 2	POL'N			
									NO UNIQUE TAGGED
MODEL AND: EA-170 SERIES	RELATIVE	70.0% NORM		HAB24I	PG 4-18 OF	COMB.	/	NONE	SUBCOMPONENTS ARE
SERIAL # SEE REF 3	HUMIDITY		100%	SL2-FSAR	[REF 1]	TEST &			ENVELOPED BY THIS
		72.0%1200H		TABLE311-1		EXTRA-			EQUIPMENT
FUNCT.DES: ECCS SUPPLY		50% DESIGN		H390	REF 2	POL'N			
& SERVICE D-4									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
	R 2 HR	240 4.0E4	2.04E8RADS	RAB24M	PG 12-7 OF	COMB.	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	A 30 D	2.8E5 2.2E5	TOTAL	SL2-FSAR	[REF 1]	TEST &			
	D 1 YR	4.2E5 3.1E5	INTEGRATED	TABLE311-1		EXTRA-			
	. 40YR/RW	1.0E4 2.0E5	DOSE	R390	REF 2	POL'N			
SPECIFICATIONS:780E									
	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20,27 OF [REF 1]	COMB. TEST & EXTRA-	/	NONE	SAFETY FUNCTION:
P.O #:422617 CWD # : /					REF 2	POL'N			PAM
PLANT LOC.: AB24									
COORDINATES X- 557.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
Y- 1485.0									
Z- 5.0				S390					AUTH. REFERENCE:
INSTALLED (Y/N): NO									3.11-2
INSTAL. REF:FV0243	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	9.1							
QUALIF QUALIFIED	TEMPERATURE T	9.1							
STATUS	PRESSURE P	9.1							
	REL. HUMDTY H	9.1							
*	CHEM. SPRAY C	9.1	REFERENCES: 1)NAMCO REPORT QTR-107 OF 3/81						
	RADIATION R	9.1	2)QUAL TO IEEE323-74,382-72						
PHYS DWG REF: 2998G-390	AGING	9.1	3)EXACT MODELS TO BE FIELD VERIFIED						REVISION # :Q3
PHYS DWG LOC:	SUBMERGENCE S	9.1							DATE :08/30/82
MOUNTING : N/A									
EQ PACK # : 9.1	SAR ENV CAT: D								SYSTEM :HEATING & VENTILATING
	0588 CATEG.: A								TAG :ZS-25-119
	APPENDIX E								

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0041

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : ZS-25-94	OPERABIL-ITY	40 YRS <2000CYCLS	40 YRS 100100CYCL	SL2-FSAR TABLE311-2	PG 4-18, 4-21,4-27	COMB. TEST &	/	NONE	ACCEL TIME: 400 HRS
	NORM/TEST	<1 MIN	400 HOURS	OPER RVIEW	OF [REF.1]	EXTRA-			
EQUIPMENT: LIMIT SWITCHES	DBA	POST DBA	POST DBA		REF 2	POL'N			ACCEL TEMP: 3
TYPE									284F
	TEMPERAT-URE	85.5F NORM	194F NORM	TAB24H	PG 4-18	COMB.	M	NONE	
COMPONENT: POSITION SWITCH			248F ACC	SL2-FSAR	OF [REF 1]	TEST &			REPLACEMENT:
		112F1200HR		TABLE311-1		EXTRA-			FIGS.8-12 OF
		104FDESIGN		T390	REF 2	POL'N			NAMCO REPORT
MANUFACTURER:NAMCO									MAINTAIN.:
	PRESSURE	ATMOS NORM OPSIG	ATMOS NORM AND ACC	PAB24 SL2-FSAR	PG 4-18 OF [REF 1]	COMB. TEST &	M	NONE	FIGS.8-12 OF NAMCO REPORT
MAJOR : AMERICAN		(ACC. DBA)	DBA	TABLE311-1		EXTRA-			SUBCOMPONENTS:
SUPPLIER WARMING				P390	REF 2	POL'N			
									NO UNIQUE TAGGED
MODEL AND: EA-170 SERIES	RELATIVE HUMIDITY	70.0% NORM	100%	HAB24H SL2-FSAR	PG 4-18 OF [REF 1]	COMB. TEST &	/	NONE	SUBCOMPONENTS ARE ENVELOPED BY THIS
SERIAL # SEE REF 3		72.0%1200H		TABLE311-1		EXTRA-			EQUIPMENT
FUNCT.DES: ECCS ISOL D-8A		50% DESIGN		H390	REF 2	POL'N			
& SERVICE									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
	R 2 HR	260 4.0E5	2.04E8RADS	RAB24K	PG 12-7 OF	COMB.	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	A 30 D	3.0E5 2.0E6	TOTAL	SL2-FSAR	[REF 1]	TEST &			3
	D 1 YR	4.5E5 3.5E6	INTEGRATED	TABLE311-1		EXTRA-			
	. 40YR/RW	5.0E4 2.0E6	DOSE	R390	REF 2	POL'N			
SPECIFICATIONS:780E									
	AGE- INST LIFE (PER 323- 1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20,27 OF [REF 1]	COMB. TEST & EXTRA-	/	NONE	SAFETY FUNCTION: PAM
P.O #:422617 CWD # : /					REF 2	POL'N			
PLANT LOC.: AB24									
	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
COORDINATES X- 558. 0									
Y- 1460. 0									
Z- 5.0									AUTH. REFERENCE:
									3.11-2
INSTALLED (Y/N): NO									

PARAMETER	SUPPL. REVIEW
OPERABILITY	9.1
TEMPERATURE T	9.1
PRESSURE P	9.1
REL. HUMDTY H	9.1
CHEM. SPRAY C	9.1
RADIATION R	9.1
AGING	9.1
SUBMERGENCE S	9.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1) NAMCO REPORT QTR-107 OF 3/81
2) QUAL TO IEEE323-74,382-72
3) EXACT MODELS TO BE FIELD VERIFIED

INSTAL. REF:FV0279
QUALIF EXEMPTN: NOT APPLIC
QUALIF QUALIFIED
STATUS

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 9.1

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.1

REVISION # :03
DATE :08/30/82 3

SYSTEM :ECCS VENTILATING
TAG :ZS-25-94

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0042

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : ZS-25-95	OPERABIL-ITY	40 YRS <2000CYCLS	40 YRS 100100CYCL	SL2-FSAR TABLE311-2	PG 4-21, 4-21,4-27	COMB. TEST &	/	NONE	ACCEL TIME: 400 HRS
EQUIPMENT: LIMIT SWITCHES	NORM/TEST DBA	<1 MIN POST DBA	400 HOURS POST DBA	OPER RVIEW	OF [REF.1] REF 2	EXTRA- POL'N			ACCEL TEMP: 284F
TYPE	TEMPERAT-URE	85.5F NORM 112F1200HR	194F NORM 248F ACC	TAB24H SL2-FSAR	PG 4-18 OF [REF 1]	COMB. TEST &	M	NONE	3
COMPONENT: POSITION SWITCH		104FDESIGN		TABLE311-1 T390	REF 2	EXTRA- POL'N			REPLACEMENT: FIGS.8-12 OF NAMCO REPORT
MANUFACTURER:NAMCO	PRESSURE	ATMOS NORM OPSIG	ATMOS NORM AND ACC	PAB24 SL2-FSAR	PG 4-18 OF [REF 1]	COMB. TEST &	M	NONE	MAINTAIN.: FIGS.8-12 OF NAMCO REPORT
MAJOR : AMERICAN SUPPLIER WARMING		(ACC. DBA)	DBA	TABLE311-1 P390	REF 2	EXTRA- POL'N			SUBCOMPONENTS:
MODEL AND: EA-170 SERIES SERIAL # SEE REF 3	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H	100%	HAB24H SL2-FSAR TABLE311-1	PG 4-18 OF [REF 1]	COMB. TEST &	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: ECCS ISOL D-8A & SERVICE		50% DESIGN		H390	REF 2	EXTRA- POL'N			
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	260 4.0E5 3.0E5 2.0E6 4.5E5 3.5E6 5.0E4 2.0E6	2.04E8RADS TOTAL INTEGRATED DOSE	RAB24K SL2-FSAR TABLE311-1 R390	PG 12-7 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:780E									
P.O #:422617 CWD # : /	AGE- INST LIFE (PER 323- 1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20,27 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB24									3
COORDINATES X- 558. 0 Y- 1460. 0 Z- 5.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO INSTAL. REF:FV0280 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.1
QUALIF QUALIFIED *STATUS* ********	OPERABILITY TEMPERATURE T PRESSURE P REL. HUMDTY H CHEM. SPRAY C	9.1 9.1 9.1 9.1 9.1							
*	RADIATION R	9.1	REFERENCES: 1)NAMCO REPORT QTR-107 OF 3/81 2)QUAL TO IEEE323-74,382-72 3)EXACT MODELS TO BE FIELD VERIFIED						
PHYS DWG REF: 2998G-390 PHYS DWG LOC: MOUNTING : N/A EQ PACK # : 9.1	AGING SUBMERGENCE S SAR ENV CAT: D 0588 CATEG.: A APPENDIX E	9.1 9.1							REVISION # :03 DATE :08/30/82 SYSTEM :ECCS VENTILATING TAG :ZS-25-95

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0043

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : ZS-25-116	OPERABIL-ITY	40 YRS <2000CYCLS <1 MIN POST DBA	40 YRS 100100CYCL 400 HOURS POST DBA	SL2-FSAR TABLE311-2 OPER RVIEW	PG 4-18, 4-21,4-27 OF [REF.1] REF 2	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: 400 HRS
EQUIPMENT: LIMIT SWITCHES	NORM/TEST DBA								ACCEL TEMP: 284F
TYPE	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	194F NORM 248F ACC	TAB24H SL2-FSAR TABLE311-1 T390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA-POL'N	M	NONE	REPLACEMENT: FIGS.8-12 OF NAMCO REPORT
COMPONENT: POSITION SWITCH									3
MANUFACTURER:NAMCO	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM AND ACC DBA	PAB24 SL2-FSAR TABLE311-1 P390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA-POL'N	M	NONE	MAINTAIN.: FIGS.8-12 OF NAMCO REPORT
MAJOR : AMERICAN									SUBCOMPONENTS:
SUPPLIER WARMING									NO UNIQUE TAGGED
MODEL AND: EA-170 SERIES	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H	100%	HAB24H SL2-FSAR TABLE311-1	PG 4-18 OF [REF 1]	COMB. TEST & EXTRA-	/	NONE	SUBCOMPONENTS ARE ENVELOPED BY THIS
SERIAL # SEE REF 3		50% DESIGN		H390 REF 2		POL'N			EQUIPMENT
FUNCT.DES: ECCS ISOL D-8B & SERVICE									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	260 4.0E5 3.0E5 2.0E6 4.5E5 3.5E6 5.0E4 2.0E6	2.04E8RADS TOTAL INTEGRATED DOSE	RAB24K SL2-FSAR TABLE311-1 R390	PG 12-7 OF [REF 1] REF 2	COMB. TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS:780E									3
P.O #:422617 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20,27 OF [REF 1] REF 2	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB24									
COORDINATES X- 558.0 Y- 1459.0 Z- 5.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									

INSTAL. REF:FV0240
QUALIF EXEMPTN: NOT APPLIC

PARAMETER	SUPPL. REVIEW
OPERABILITY	9.1
TEMPERATURE T	9.1
PRESSURE P	9.1
REL. HUMDTY H	9.1
CHEM. SPRAY C	9.1
RADIATION R	9.1
AGING	9.1
SUBMERGENCE S	9.1
SAR ENV CAT: D	
0588 CATEG.: A	
APPENDIX E	

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1)NAMCO REPORT QTR-107 OF 3/81
2)QUAL TO IEEE323-74,382-72
3)MODEL NUMBER WAS FIELD VERIFIED TO BE EA180 AS PER FV SHEET#0240.

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.1

QUALIF QUALIFIED
STATUS
****
*
****

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 9.1

3

REVISION # :03
DATE :08/30/82

SYSTEM :ECCS VENTILATING
TAG :ZS-25-116

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0044

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-117	OPERABILITY / NORM/TEST / DBA	40 YRS <2000CYCLS <1 MIN. POST DBA	40 YRS 100100CYCL 400 HOURS POST DBA	SL2-FSAR TABLE311-2 OPER RVIEW	PG 4-18, 4-21,4-27 OF [REF.1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 400 HRS
EQUIPMENT: LIMIT SWITCHES TYPE									ACCEL TEMP: 284F
COMPONENT: POSITION SWITCH	TEMPERATURE	85.5F NORM 112F1200HR 104FDESIGN	194F NORM 248F ACC	TAB24H SL2-FSAR TABLE311-1 T390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: FIGS.8-12 OF NAMCO REPORT
MANUFACTURER:NAMCO									MAINTAIN.:
MAJOR : AMERICAN SUPPLIER WARMING	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM AND ACC DBA	PAB24 SL2-FSAR TABLE311-1 P390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	FIGS.8-12 OF NAMCO REPORT SUBCOMPONENTS:
MODEL AND: EA-170 SERIES SERIAL # SEE REF 3	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24H SL2-FSAR TABLE311-1 H390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: ECCS ISOL & SERVICE D-8B									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	260 4.0E5 3.0E5 2.0E6 4.5E5 3.5E6 5.0E4 2.0E6	2.04E8RADS TOTAL INTEGRATED DOSE	RAB24K SL2-FSAR TABLE311-1 R390	PG 12-7 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:780E									
P.O #:422617 CWD # : /	AGE- INST LIFE (PER 323- 1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20,27 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB24									
COORDINATES X- 558.0 Y- 1459.0 Z- 5.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF:FV0241	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	9.1							
QUALIF QUALIFIED	TEMPERATURE	T 9.1							
STATUS	PRESSURE	P 9.1							
	REL. HUMDTY	H 9.1							
*	CHEM. SPRAY	C 9.1							
	RADIATION	R 9.1	REFERENCES: 1)NAMCO REPORT QTR-107 OF 3/81 2)QUAL TO IEEE323-74,382-72 3)MODEL NUMBER WAS FIELD VERIFIED TO BE EA180 AS PER FV SHEET#0241.						
PHYS DWG REF: 2998G-390	AGING	9.1							REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	SUBMERGENCE	S 9.1							
MOUNTING : N/A									SYSTEM :ECCS VENTILATING
EQ PACK # : 9.1	SAR ENV CAT: D 10588 CATEG.: A APPENDIX E								TAG :ZS-25-117

3 3 3 3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0045

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FCV-26-3	OPERABIL-ITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	>40 YEARS +40000CYCL	SL2-FSAR . TBL3.11-2	PG.5-1 OF NOTE 1 PG.4-7 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 268/248F
COMPONENT: CONTROL VALVE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM >SL2 DBA REQUIR.	TRB15 SL2-FSAR TABLE311-1 T365	PG.4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: FIG5,6 NOTE2 SRS#A3.2
MANUFACTURER: ASCO/NAMCO (REF. 3)	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM >SL2 DBA REQUIR.	PRB15 SL2-FSAR TABLE311-1 P365	PG.4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: FIG5,6 NOTE2 SRS#A3.2
MAJOR : WKM SUPPLIER									SUBCOMPONENTS:
MODEL AND: LS:EA180 SERIAL # (REF 3)	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	>90.0%	HRB15 SL2-FSAR TABLE311-1 H365	PG.8-2 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1:ASCO REPT. AOS21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80 3.ALL INSTALLATIO
FUNCT.DES: ISOLATION & SERVICE									NS TO BE FLD VERI FIED AT ELEV.>26 FT
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH9.5-10.0	CRB15 SL2-FSAR TABLE311-1 C365	PG.4-4 OF NOTE 1 PG10-51 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATD DOSE	RRB15B SL2-FSAR TABLE311-1 R365	PG.4-4 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 110									
P.O #:422550 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB15									
COORDINATES X- 626.0 Y- 1533.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOTE 3	SRB15 SL2-FSAR TABLE311-1 S365	NOTE 3	COMB. TEST & EXTRA- POL'N	H	REF 2	PAM AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): NO									
INSTAL. REF: FV0136									
QUALIF EXEMPTN: NOT EXEMPT									

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.2/9.2
TEMPERATURE T	3.2/9.2
PRESSURE P	3.2/9.2
REL. HUMDTY H	3.2/9.2
CHEM. SPRAY C	3.2/9.2
RADIATION R	3.2/9.2
AGING	3.2/9.2
SUBMERGENCE S	3.2/9.2

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1. IEEE323-74,382-72
2. FLD VERIFY TO HAVE NP 8300 SERIES SOLENOIDS 3. LIMIT SWITCHES MODEL # IS EA18021302 AS PER FV SHEET #0136.

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.2/9.2

REVISION # : 03
DATE : 08/30/82

SYSTEM : RADIATION MONITORING
TAG : FCV-26-3

QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.2/9.2

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0047

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : LCV-07-11A	OPERABIL-ITY NORM/TEST	40 YRS 180 DAYS POST DBA	>40 YRS +40000CYCL	SL2-FSAR TBLE3.11-2	PG 5-1 OF NOTE 1 P.4-7 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS TYPE	DBA								ACCEL TEMP: 260/248F
COMPONENT: CONTROL VALVE	TEMPERAT-URE	120F NORM FIG3.11-3 ACC. DBA	120F NORM >SL2 DBA REQUIR.	TRB15 SL2-FSAR TABLE311-1 T365	PG.4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	REPLACEMENT: 12.3 YRS FIG5,6 NOTE2
MANUFACTURER: ASCO/NAMCO									MAINTAIN.: 12.3 YRS FIG5,6 NOTE2
MAJOR : ASCO SUPPLIER NAMCOEA-180	PRESSURE	OPSIGNORM FIG3.11-2A ACC. DBA	OPSIG NORM >SL2 DBA REQUIR.	PRB15 SL2-FSAR TABLE311-1 P365	PG.4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SUBCOMPONENTS:
MODEL AND: BY FIELD SERIAL #	RELATIVE HUMIDITY	45-100% 100% DBA	>90.0%	HRB15 SL2-FSAR TABLE311-1 H365	PG.8.2 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1:ASCO REPT. AQS21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80
FUNCT.DES: & SERVICE									
	CHEMICAL SPRAY	1720-2150 B 50-65PPM HYDZ PH4.9-7.0	3000 PPM BORON PH9.5-10.0	CRB15 SL2-FSAR TABLE311-1 C365	PG.8-2 OF NOTE 1 PG10-51 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 5.8E7 6.2E5 3.7E7 2.4E6 4.8E7 3.8E6	2.0E8 TOTAL INTEGRATD DOSE	RRB15 SL2-FSAR TABLE311-1 R365	PG.4-4 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	
SPECIFICATIONS: 110									
P.O #:422550 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB15									
COORDINATES X- Y- Z-	SUBMERGED	26FT FIG3.11-4	REF 2	SRB15 SL2-FSAR TABLE311-1 S365	REF 2	N/A	/	NONE	PAM AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): LTR									
INSTAL. REF: BY-FLD	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.2/9.2							
QUALIF QUALIFIED-FOR	TEMPERATURE	3.2/9.2							
STATUS INTERIM OPERATION	PRESSURE	3.2/9.2							
	REL. HUMDTY	3.2/9.2							
	CHEM. SPRAY	3.2/9.2							
	RADIATION	3.2/9.2	REFERENCES: 1.IEEE 323-74,382-72						
	AGING	3.2/9.2	2.REPLACE NON NP 8300 SERIES SOLENOIDS.						
	SUBMERGENCE	3.2/9.2							
PHYS DWG REF:									REVISION # :03
PHYS DWG LOC:	SAR ENV CAT:								DATE :08/30/82
MOUNTING : NOT APPLICABLE	0588 CATEG.: A								
EQ PACK # : 3.2/9.2	APPENDIX E								SYSTEM :CONTAINMENT SPRAY TAG :LCV-07-11A

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0048

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : LCV-07-11B	OPERABILITY NORM/TEST	40 YRS 180 DAYS POST DBA	>40 YRS +40000CYCL	SL2-FSAR TBLE3.11-2	PG 5-1 OF NOTE 1 P.4-7 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS TYPE	DBA								ACCEL TEMP: 260/248F
COMPONENT: CONTROL VALVE	TEMPERATURE	120F NORM FIG3.11-3 ACC. DBA	120F NORM >SL2 DBA REQUIR.	TRB15 SL2-FSAR TABLE311-1 T365	PG.4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	REPLACEMENT: 12.3 YRS FIG5,6 NOTE2
MANUFACTURER: ASCO/NAMCO	PRESSURE	OPSIGNORM FIG3.11-2A ACC. DBA	OPSIG NORM >SL2 DBA REQUIR.	PRB15 SL2-FSAR TABLE311-1 P365	PG.4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	MAINTAIN.: 12.3 YRS FIG5,6 NOTE2
MAJOR : ASCO SUPPLIER NAMCOEA-180									SUBCOMPONENTS:
MODEL AND: BY FIELD SERIAL #	RELATIVE HUMIDITY	45-100% 100% DBA	>90.0%	HRB15 SL2-FSAR TABLE311-1 H365	PG.8.2 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1:ASCO REPT. AOS21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80
FUNCT.DES: & SERVICE	CHEMICAL SPRAY	1720-2150 B 50-65PPM HYDZ PH4.9-7.0	3000 PPM BORON PH9.5-10.0	CRB15 SL2-FSAR TABLE311-1 C365	PG.8-2 OF NOTE 1 PG10-51 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	
ACCUR. SPEC: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 5.8E7 6.2E5 3.7E7 2.4E6 4.8E7 3.8E6	2.0E8 TOTAL INTEGRATD DOSE	RRB15 SL2-FSAR TABLE311-1 R365	PG.4-4 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	
ACCUR. DEM.: NOT APPLICABLE									
SPECIFICATIONS: 110	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA.50.51	PG.5-1 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
P.O #:42255O CWD # : /									
PLANT LOC.: RB15									
COORDINATES X- Y- Z-	SUBMERGED	26FT FIG3.11-4	REF 2	SRB15 SL2-FSAR TABLE311-1 S365	REF 2	N/A	/	NONE	PAM AUTH. REFERENCE: 3.9-10

INSTALLED (Y/N): LTR
INSTAL. REF:BY-FLD
QUALIF EXEMPTN: NOT APPLIC

PARA-METER	SUPPL. REVIEW
OPERABILITY	3.2/9.2
TEMPERATURE	3.2/9.2
PRESSURE	3.2/9.2
REL. HUMDTY	3.2/9.2
CHEM. SPRAY	3.2/9.2
RADIATION	3.2/9.2
AGING	3.2/9.2
SUBMERGENCE	3.2/9.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.IEEE 323-74,382-72
2.REPLACE NON NP 8300 SERIES SOLENOIDS.

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2

REVISION # :03
DATE :08/30/82

SYSTEM :CONTAINMENT SPRAY
TAG :LCV-07-11B

3

QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION

PHYS DWG REF:
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.2/9.2

SAR ENV CAT:
0588 CATEG.: A
APPENDIX E

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0052

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : HCV-25-1	OPERABIL-ITY	40 YEARS 180 DAYS POST DBA	40 YEARS +40000CYCL	SL2-FSAR TBL3.11-2	PG.5-1 OF NOTE 1 PG.4-7 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS	NORM/TEST DBA								ACCEL TEMP: 268/248F
TYPE									
COMPONENT: CONTROL VALVE	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	120F NORM >SL2 DBA REQUIR.	TAB24A SL2-FSAR TABLE311-1 T390	PG.4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: FIG5,6 NOTE2
MANUFACTURER:ASCO/NAMCO									
	PRESSURE	ATMOS NORM FIG. C-4B (ACC. DBA)	0PSIG NORM >SL2 DBA REQUIR.	PAB24A SL2-FSAR TABLE311-1 P390	PG.4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: FIG5,6 NOTE2
MAJOR SUPPLIER : WKM									SUBCOMPONENTS:
MODEL AND: LS:EA180 SERIAL #	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H	>90.0%	HAB24A SL2-FSAR TABLE311-1	PG.8.2 OF NOTE 1 PG.4-4 OF	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1:ASCO REPT. A0S21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80
FUNCT.DES: ECCS SUMP ISOL & SERVICE		50% DESIGN		H390	NOTE 2				
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE		SPRAY							
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	440 1.1E5 4.6E5 5.3E5 6.6E5 7.4E5 4.0E4 5.0E5	2.0E8 TOTAL INTEGRATD DOSE	RAB24L SL2-FSAR TABLE311-1 R390	PG.4-4 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:110									
P.O #:422550 CWD # : 536/	AGE- INST LIFE (PER 323- 1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									
COORDINATES X- 586.0 Y- 1483.0 Z- 5.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	M	NONE	PAM AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): NO INSTAL. REF:FV0026	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	3.2/9.2							
QUALIF STATUS: QUALIFIED-FOR INTERIM OPERATION	TEMPERATURE	T 3.2/9.2							
	PRESSURE	P 3.2/9.2							
	REL. HUMDTY	H 3.2/9.2							
	CHEM. SPRAY	C 3.2/9.2	REFERENCES: 1.IEEE323-74,382-72						
	RADIATION	R 3.2/9.2	2.FLD VERIFY TO HAVE NP 8300 SERIES SOLENOIDS.						
PHYS DWG REF: 2998G-390	AGING	3.2/9.2							REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	SUBMERGENCE	S 3.2/9.2							
MOUNTING : NOT APPLICABLE									SYSTEM :CONTAINMENT PURGE
EQ PACK # : 3.2/9.2	SAR ENV CAT: D 0588 CATEG.: A APPENDIX E								TAG :HCV-25-1

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0053

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HCV-25-1A	OPERABIL-ITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	40 YEARS +40000CYCL	SL2-FSAR TBL3.11-2	PG.5-1 OF NOTE 1 PG.4-7 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS TYPE	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	120F NORM >SL2 DBA REQUIR.	TAB24A SL2-FSAR TABLE311-1 T390	PG.4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	ACCEL TEMP: 268/248F
COMPONENT: CONTROL VALVE									REPLACEMENT: FIG5,6 NOTE2
MANUFACTURER:ASCO/NAMCO	PRESSURE	ATMOS NORM FIG. C-4B (ACC. DBA)	OPSIG NORM >SL2 DBA REQUIR.	PAB24A SL2-FSAR TABLE311-1 P390	PG.4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: FIG5 6 NOTE2
MAJOR : WKM SUPPLIER									SUBCOMPONENTS:
MODEL AND: LS:EA180 SERIAL #	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 50% DESIGN	>90.0%	HAB24A SL2-FSAR TABLE311-1 H390	PG.8.2 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1:ASCO REPT. AQS21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80
FUNCT.DES: ECCS SUMP ISOL & SERVICE									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	440 1.1E5 4.6E5 5.3E5 6.6E5 7.4E5 4.0E4 5.0E5	2.0E8 TOTAL INTEGRATD DOSE	RAB24L SL2-FSAR TABLE311-1 R390	PG.4-4 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:110									
P.O #:422550 CWD # : 586 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									
COORDINATES X- 586.0 Y- 1484.0 Z- 5.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	M	NONE	PAM AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): NO									
INSTAL. REF:FV0027	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	3.2/9.2							
QUALIF QUALIFIED-FOR	TEMPERATURE	T 3.2/9.2							
STATUS INTERIM OPERATION	PRESSURE	P 3.2/9.2							
	REL. HUMDTY	H 3.2/9.2							
	CHEM. SPRAY	C 3.2/9.2	REFERENCES: 1.IEEE323-74,382-72						
	RADIATION	R 3.2/9.2	2.FLD VERIFY TO HAVE NP 8300 SERIES SOLENOIDS.						
PHYS DWG REF: 2998G-390	AGING	3.2/9.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 3.2/9.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.2/9.2	SAR ENV CAT: D								SYSTEM :CONTAINMENT PURGE
	0588 CATEG.: A								TAG :HCV-25-1A
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0054

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HCV-25-2	OPERABIL-ITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	40 YEARS +40000CYCL	SL2-FSAR TBL3.11-2	PG.5-1 OF NOTE 1 PG.4-7 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 268/248F
COMPONENT: CONTROL VALVE	TEMPERAT-URE	85.5F NORM	120F NORM >SL2 DBA	TAB24I SL2-FSAR	PG.4-21 OF NOTE 1	COMB. TEST &	M	NONE	REPLACEMENT:
		112F 1200HR 104F DESIGN	REQUIR.	TABLE311-1 T390	FIG.3 OF NOTE 2	EXTRA- POL'N			FIG5,6 NOTE2
MANUFACTURER: ASCO/NAMCO									MAINTAIN.:
	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	OPSIG NORM >SL2 DBA REQUIR.	PAB24 SL2-FSAR TABLE311-1 P390	PG.4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	M	NONE	FIG5,6 NOTE2
MAJOR SUPPLIER : WKM									SUBCOMPONENTS:
MODEL AND SERIAL # : LS:EA18021302 S:NP8321A1E	RELATIVE HUMIDITY	70.0% NORM	>90.0%	HAB24I SL2-FSAR	PG.8.2 OF NOTE 1	COMB. TEST &	/	NONE	NOTE 1:ASCO REPT. AQS21678/TR REV.A
		72.0% 1200H		TABLE311-1	PG.4-4 OF	EXTRA-			2.NAMCO REPT. QTR
FUNCT.DES: & SERVICE ECCS ISOLATION		50% DESIGN		H390	NOTE 2	POL'N			105 DATED 8/80
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.0E8 TOTAL INTEGRATD DOSE	RAB24M SL2-FSAR TABLE311-1 R390	PG.4-4 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 110									
P.O #:42255O CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									
COORDINATES X- 545.0 Y- 1463.0 Z- 5.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	M	NONE	PAM AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0028									
QUALIF EXEMPTN: NOT EXEMPT									

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.2/9.2
TEMPERATURE T	3.2/9.2
PRESSURE P	3.2/9.2
REL. HUMDTY H	3.2/9.2
CHEM. SPRAY C	3.2/9.2
RADIATION R	3.2/9.2
AGING	3.2/9.2
SUBMERGENCE S	3.2/9.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.IEEE323-74,382-72

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2

REVISION # :03
DATE :08/30/82

SYSTEM :CONTAINMENT PURGE
TAG :HCV-25-2

QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.2/9.2

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0055

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HCV-25-2A	OPERABIL-ITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	40 YEARS +40000CYCL	SL2-FSAR TBL3.11-2	PG.5-1 OF NOTE 1 PG.4-7 OF NOTE 2	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 268/248F
COMPONENT: CONTROL VALVE	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	120F NORM >SL2 DBA REQUIR.	TAB24I SL2-FSAR TABLE311-1 T390	PG.4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA-POL'N	M	NONE	REPLACEMENT: FIG5,6 NOTE2
MANUFACTURER: ASCO/NAMCO									MAINTAIN.:
MAJOR SUPPLIER : WKM	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	OPSIG NORM >SL2 DBA REQUIR.	PAB24 SL2-FSAR TABLE311-1 P390	PG.4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA-POL'N	M	NONE	FIG5,6 NOTE2 SUBCOMPONENTS:
MODEL AND SERIAL #: LS:EA18021302 S:NP8321A1E	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	>90.0%	HAB24I SL2-FSAR TABLE311-1 H390	PG.8.2 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA-POL'N	/	NONE	NOTE 1:ASCO REPT. AQS21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80
FUNCT.DES: & SERVICE ECCS ISOL.									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.0E8 TOTAL INTEGRATD DOSE	RAB24M SL2-FSAR TABLE311-1 R390	PG.4-4 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS: 110									
P.O #:422550 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									
COORDINATES X- 546.0 Y- 1463.0 Z- -10.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	COMB. TEST & EXTRA-POL'N	M	NONE	PAM AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0029									
QUALIF EXEMPTN: NOT EXEMPT									

PARA-METER	SUPPL. REVIEW
OPERABILITY	3.2/9.2
TEMPERATURE T	3.2/9.2
PRESSURE P	3.2/9.2
REL. HUMDTY H	3.2/9.2
CHEM. SPRAY C	3.2/9.2
RADIATION R	3.2/9.2
AGING	3.2/9.2
SUBMERGENCE S	3.2/9.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.IEEE323-74,382-72

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2

REVISION # :03
DATE :08/30/82

SYSTEM :CONTAINMENT PURGE
TAG :HCV-25-2A

QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.2/9.2

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0056

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/MI	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HCV-25-3	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS 180 DAYS POST DBA	40 YEARS +40000CYCL	SL2-FSAR TBL3.11-2	PG.5-1 OF NOTE 1 PG.4-7 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL. TEMP: 268/248F
COMPONENT: CONTROL VALVE	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	120F NORM >SL2 DBA REQUIR.	TAB24I SL2-FSAR TABLE311-1 T390	PG.4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: FIG5,6 NOTE2
MANUFACTURER: ASCO/NAMCO									MAINTAIN.: FIG5,6 NOTE2
MAJOR SUPPLIER : WKM	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	OPSIG NORM >SL2 DBA REQUIR.	PAB24 SL2-FSAR TABLE311-1 P390	PG.4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	M	NONE	SUBCOMPONENTS:
MODEL AND SERIAL # : LS:EA18021302 S:NP8321A1E	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	>90.0%	HAB24I SL2-FSAR TABLE311-1 H390	PG.8.2 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1:ASCO REPT. AQS21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80
FUNCT.DES: ECCS ISOL & SERVICE									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR.-SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.0E8 TOTAL INTEGRATD DOSE	RAB24M SL2-FSAR TABLE311-1 R390	PG.4-4 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 110									
P.O #:422550 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									
COORDINATES X- 546.0 Y- 1525.0 Z- 5.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	M	NONE	PAM AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES INSTAL. REF: FV0030 QUALIF EXEMPTN: NOT EXEMPT	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2
**********	OPERABILITY	3.2/9.2							
QUALIF QUALIFIED-FOR	TEMPERATURE T	3.2/9.2							
STATUS INTERIM OPERATION	PRESSURE P	3.2/9.2							
********	REL. HUMDTY H	3.2/9.2							
*	CHEM. SPRAY C	3.2/9.2	REFERENCES: 1.IEEE323-74,382-72						
**********	RADIATION R	3.2/9.2							
PHYS DWG REF: 2998G-390	AGING	3.2/9.2							
PHYS DWG LOC:	SUBMERGENCE S	3.2/9.2							
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.2/9.2	SAR ENV CAT: D								
	0588 CATEG.: A								
	APPENDIX E								REVISION # :03 DATE :08/30/82
									SYSTEM :CONTAINMENT PURGE TAG :HCV-25-3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0057

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	DEM. (2)	DOCUMENTATION ACTUAL (3)	DEM. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : HCV-25-3A	OPERABIL-ITY NORM/TEST	40 YEARS 180 DAYS POST DBA	40 YEARS +40000CYCL	SL2-FSAR TBL3.11-2	PG.5-1 OF NOTE 1 PG.4-7 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS TYPE	DBA								ACCEL TEMP: 268/248F
COMPONENT: CONTROL VALVE	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	120F NORM >SL2 DBA REQUIR.	TAB24I SL2-FSAR TABLE311-1 T390	PG.4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: FIG5,6 NOTE2
MANUFACTURER: ASCO/NAMCO	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	OPSIG NORM >SL2 DBA REQUIR.	PAB24 SL2-FSAR TABLE311-1 P390	PG.4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: FIG5,6 NOTE2
MAJOR SUPPLIER : WKM									SUBCOMPONENTS:
MODEL AND SERIAL #: LS:EA18021302 S:NP8321A1E	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	>90.0%	HAB24I SL2-FSAR TABLE311-1 H390	PG.8.2 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1:ASCO REPT. AQS21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80
FUNCT.DES: & SERVICE ECCS ISOL									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.0E8 TOTAL INTEGRATD DOSE	RAB24M SL2-FSAR TABLE311-1 R390	PG.4-4 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 110									
P.O #:422550 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									
COORDINATES X- 546.0 Y- 1526.0 Z- 5.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	M	NONE	PAM AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0031									
QUALIF EXEMPTN: NOT EXEMPT									

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.2/9.2
TEMPERATURE T	3.2/9.2
PRESSURE P	3.2/9.2
REL. HUMDTY H	3.2/9.2
CHEM. SPRAY C	3.2/9.2
RADIATION R	3.2/9.2
AGING	3.2/9.2
SUBMERGENCE S	3.2/9.2

QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.2/9.2

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.IEEE323-74,382-72

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2

REVISION # :03
DATE :08/30/82

SYSTEM :CONTAINMENT PURGE
TAG :HCV-25-3A

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0058

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : HCV-25-4	OPERABIL-ITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	40 YEARS +40000CYCL	SL2-FSAR TBL3.11-2	PG.5-1 OF NOTE 1 PG.4-7 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 268/248F
COMPONENT: CONTROL VALVE	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	120F NORM >SL2 DBA REQUIR.	TAB24I SL2-FSAR TABLE311-1 T390	PG.4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: FIG5,6 NOTE2
MANUFACTURER: ASCO/NAMCO									MAINTAIN.: FIG5,6 NOTE2
MAJOR SUPPLIER : WKM	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	OPSIG NORM >SL2 DBA REQUIR.	PAB24 SL2-FSAR TABLE311-1 P390	PG.4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	M	NONE	SUBCOMPONENTS:
MODEL AND: LS:EA180 SERIAL #	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	>90.0%	HAB24I SL2-FSAR TABLE311-1 H390	PG.8.2 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1:ASCO REPT. AQS21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80
FUNCT.DES: ECCS ISOL. & SERVICE									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.0E8 TOTAL INTEGRATD DOSE	RAB24M SL2-FSAR TABLE311-1 R390	PG.4-4 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 110									
P.O #:422550 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									
COORDINATES X- 569.0 Y- 1537.0 Z- 5.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	M	NONE	PAM AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): NO									
INSTAL. REF: FV0032									
QUALIF EXEMPTN: NOT EXEMPT									

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.2/9.2
TEMPERATURE T	3.2/9.2
PRESSURE P	3.2/9.2
REL. HUMDTY H	3.2/9.2
CHEM. SPRAY C	3.2/9.2
RADIATION R	3.2/9.2
AGING	3.2/9.2
SUBMERGENCE S	3.2/9.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.IEEE323-74,382-72
2.FLD VERIFY TO HAVE NP 8300 SERIES SOLENOIDS.

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2

REVISION # :03
DATE :08/30/82

SYSTEM :CONTAINMENT PURGE
TAG :HCV-25-4

3

QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.2/9.2

SAR ENV CAT: D
10588 CATEG:: A
APPENDIX E

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0059

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HCV-25-4A	OPERABIL-ITY	40 YEARS 180 DAYS	40 YEARS +40000CYCL	SL2-FSAR TBL3.11-2	PG.5-1 OF NOTE 1	COMB. TEST &	/	NONE	ACCEL TIME: 288/400HRS
	NORM/TEST	POST OBA			PG.4-7 OF	EXTRA-			
EQUIPMENT: VALVE OPERATORS	DBA				NOTE 2	POL'N			ACCEL TEMP:
TYPE									268/248F
	TEMPERAT-URE	85.5F NORM	120F NORM	TAB24I	PG.4-21 OF	COMB.	M	NONE	
COMPONENT: CONTROL VALVE			>SL2 DBA	SL2-FSAR	NOTE 1	TEST &			REPLACEMENT:
		112F1200HR	REQUIR.	TABLE311-1	FIG.3 OF	EXTRA-			FIG5,6 NOTE2
		104FDESIGN		T390	NOTE 2	POL'N			
MANUFACTURER:ASCO/NAMCO									MAINTAIN.:
	PRESSURE	ATMOS NORM	OPSIG NORM	PAB24	PG.4-21 OF	COMB.	M	NONE	FIG5,6 NOTE2
		OPSIG	>SL2 DBA	SL2-FSAR	NOTE 1	TEST &			
MAJOR : WKM		(ACC. DBA)	REQUIR.	TABLE311-1	FIG.3 OF	EXTRA-			SUBCOMPONENTS:
SUPPLIER				P390	NOTE 2	POL'N			
									NOTE 1:ASCO REPT.
MODEL AND: LS:EA180	RELATIVE HUMIDITY	70.0% NORM	>90.0%	HAB24I	PG.8.2 OF	COMB.	/	NONE	AQS21678/TR REV.A
SERIAL #				SL2-FSAR	NOTE 1	TEST &			2.NAMCO REPT. QTR
		72.0%1200H		TABLE311-1	PG.4-4 OF	EXTRA-			105 DATED 8/80
FUNCT.DES: ECCS ISOL.		50% DESIGN		H390	NOTE 2	POL'N			
& SERVICE									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
	R 2 HR	240 4.0E4	2.0E8	RAB24M	PG.4-4 OF	COMB.	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	A 30 D	2.8E5 2.2E5	TOTAL	SL2-FSAR	NOTE 1	TEST &			
	D 1 YR	4.2E5 3.1E5	INTEGRATD	TABLE311-1	PG.4-4 OF	EXTRA-			
	. 40YR/RW	1.0E4 2.0E5	DOSE	R390	NOTE 2	POL'N			
SPECIFICATIONS:110									
	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
P.O #:422550 CWD # : /									
PLANT LOC.: AB24									
COORDINATES X- 568.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1	NOT APPLICABLE	COMB. TEST & EXTRA-	M	NONE	PAM
Y- 1536.0									
Z- 5.0				S390		POL'N			AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): NO									
INSTAL. REF:FV0033									
QUALIF EXEMPTN: NOT EXEMPT									

PARA-METER	SUPPL. REVIEW
OPERABILITY	3.2/9.2
TEMPERATURE T	3.2/9.2
PRESSURE P	3.2/9.2
REL. HUMDTY H	3.2/9.2
CHEM. SPRAY C	3.2/9.2
RADIATION R	3.2/9.2
AGING	3.2/9.2
SUBMERGENCE S	3.2/9.2

SAR ENV CAT: D
0588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.IEEE323-74,382-72
2.FLD VERIFY TO HAVE NP 8300 SERIES SOLENOIDS.

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2

REVISION # :03
DATE :08/30/82

SYSTEM :CONTAINMENT PURGE
TAG :HCV-25-4A

QUALIF STATUS QUALIFIED-FOR INTERIM OPERATION

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.2/9.2

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0060

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HCV-25-5	OPERABIL-ITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	40 YEARS +40000CYCL	SL2-FSAR TBL3.11-2	PG.5-1 OF NOTE 1 PG.4-7 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 268/248F
COMPONENT: CONTROL VALVE	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	120F NORM >SL2 DBA REQUIR.	TAB24I SL2-FSAR TABLE311-1 T390	PG.4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT:. FIG5,6 NOTE2
MANUFACTURER:ASCO/NAMCO									MAINTAIN.:
MAJOR SUPPLIER : WKM	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	OPSIG NORM >SL2 DBA REQUIR.	PAB24 SL2-FSAR TABLE311-1 P390	PG.4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	M	NONE	FIG5,6 NOTE2 SUBCOMPONENTS:
MODEL AND SERIAL #: LS:EA180	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	>90.0%	HAB24I SL2-FSAR TABLE311-1 H390	PG.8.2 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1:ASCO REPT. AQS21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80
FUNCT.DES: ECCS ISOL. & SERVICE									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 240 4.0E4 30 D 2.8E5 2.2E5 1 YR 4.2E5 3.1E5 1.0E4 2.0E5	2.0E8 TOTAL INTEGRATD DOSE	RAB24M SL2-FSAR TABLE311-1 R390	PG.4-4 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:110									
P.O #:422550 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									
COORDINATES X- 577.0 Y- 1463.0 Z- 5.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	M	NONE	PAM AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): NO									

INSTAL. REF:FV0034
QUALIF EXEMPTN: NOT EXEMPT

QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.2/9.2

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.2/9.2
TEMPERATURE T	3.2/9.2
PRESSURE P	3.2/9.2
REL. HUMDTY H	3.2/9.2
CHEM. SPRAY C	3.2/9.2
RADIATION R	3.2/9.2
AGING	3.2/9.2
SUBMERGENCE S	3.2/9.2

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.IEEE323-74,382-72
2.FLD VERIFY TO HAVE NP 8300 SERIES SOLENOIDS.

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2

REVISION # :03
DATE :08/30/82

SYSTEM :CONTAINMENT PURGE
TAG :HCV-25-5

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0061

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : HCV-25-5A	OPERABIL-ITY	40 YEARS 180 DAYS POST DBA	>40 YEARS +40000CYCL	SL2-FSAR TBL3.11-2	PG.5-1 OF NOTE 1 PG.4-7 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS	NORM/TEST DBA								ACCEL TEMP: 268/248F
TYPE									
COMPONENT: CONTROL VALVE	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	120F NORM >SL2 DBA REQUIR.	TAB24I SL2-FSAR TABLE311-1 T390	PG.4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: FIG5,6 NOTE2
MANUFACTURER: ASCO/NAMCO									MAINTAIN.: FIG5,6 NOTE2
MAJOR SUPPLIER : WKM	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	OPSIG NORM >SL2 DBA REQUIR.	PAB24 SL2-FSAR TABLE311-1 P390	PG.4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	M	NONE	SUBCOMPONENTS:
MODEL AND: LS:EA180 SERIAL #	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	>90.0%	HAB24I SL2-FSAR TABLE311-1 H390	PG.8.2 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1:ASCO REPT. AOS21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80
FUNCT.DES: ECCS ISOL. & SERVICE									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.0E8 TOTAL INTEGRATD DOSE	RAB24M SL2-FSAR TABLE311-1 R390	PG.4-4 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 110									
P.O #:422550 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									
COORDINATES X- 578.0 Y- 1463.0 Z- 5.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	M	NONE	PAM AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): NO INSTAL. REF: FV0035 QUALIF EXEMPTN: NOT EXEMPT									

PARAMETER		SUPPL. REVIEW
OPERABILITY		3.2/9.2
TEMPERATURE	T	3.2/9.2
PRESSURE	P	3.2/9.2
REL. HUMDTY	H	3.2/9.2
CHEM. SPRAY	C	3.2/9.2
RADIATION	R	3.2/9.2
AGING		3.2/9.2
SUBMERGENCE	S	3.2/9.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.IEEE323-74,382-72
2.FLD VERIFY TO HAVE NP 8300 SERIES SOLENOIDS.

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2

REVISION # :03
DATE :08/30/82

SYSTEM :CONTAINMENT PURGE
TAG :HCV-25-5A

QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.2/9.2

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0092

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : AUX FWP 2A	OPERABIL-ITY	TEST/SD OPERATION:		SL2-FSAR 3.11-2	GEK 42767-R4 PG. 23	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 28,7,2 DAYS
EQUIPMENT TYPE: MOTORS	NORM/TEST DBA	<4000 HRS 8 HRS DBA	>5000 HRS >24HRS DBA						ACCEL TEMP: 190,210,230C
COMPONENT: PUMP MOTOR	TEMPERATURE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	140 F CONTINUOUS ENVELOPES FIG.C-1A	TTB23B SL2-FSAR TABLE311-1 T408 2C	GEK 42767-R4 PG. 22	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEC.VI/GEK42 767
MANUFACTURER: GENERAL ELECTRIC	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	ATMOS NORM ENVELOPES FIG.C-1B	PTB23B SL2-FSAR TABLE311-1 P408 2C	EBASCO EQ REVIEW C-1-1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: SEC.VI/GEK42 767
MAJOR SUPPLIER: INGERSOLL-RAND									SUBCOMPONENTS:
MODEL AND SERIAL #: 5K811043C16/ BR8405664	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23B SL2-FSAR TABLE311-1 H408 2C	GEK 42767 R4 PAGE 19	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT.
FUNCT.DES: & SERVICE: AUXILARY FEED WATER PUMP 2A									NOTES: 1.SYS.FUNC. IS DEFINED IN FSAR
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23B SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	NOT AP PLICAB LE	M	NONE	SEC.10.4.9 2.SEE FIG.10.4-8 OF FSAR FOR SCHEMA TIC.
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 30 D 1 YR 1.0E5 INTEG RATED DOSE	1.1E6 RAD INTEGRATED DOSE	RTB23B SL2-FSAR TABLE311-1 R408 2C	GEK 42767 R4 PG 6	COMB. TEST & EXTRA- POL'N	M	NONE	3
SPECIFICATIONS: 289									
P.O #: 422508 CWD # : 0629/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	GEK 42767 R4 PAGE 23	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: TB23									ESF
COORDINATES X- 694.0 Y- 1398.0 Z- 19.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23B SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	NOT AP PLICAB LE	M	NONE	AUTH. REFERENCE:
INSTALLED (Y/N): YES									
INSTAL. REF: FV0000	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 4.3
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	4.3							
**********	TEMPERATURE T	4.3							
QUALIF QUALIFIED	PRESSURE P	4.3							
STATUS	REL. HUMDTY H	4.3							
********	CHEM. SPRAY C	4.3							3
*	RADIATION R	4.3	REFERENCES: 1.GE TOPICAL REPORT IEEE 323 CLASS IE INDUCTION MOTORS.GEK 42767 R4 MASS OF MOTOR IS SUCH THAT NO PROBLEM TO DEMONS TRATE QUAL.						
**********	AGING	4.3							
PHYS DWG REF: 2998G-408 2C	SUBMERGENCE S	4.3							REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : N/A	SAR ENV CAT: K								SYSTEM :AUXILIARY FEEDWATER
EQ PACK # : 4.3	0588 CATEG.: A								TAG :AUX FWP 2A
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0093

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	1	ENVIRONMENT DEM. QUALIF.	2	DOCUMENTATION ACTUAL	3	DOCUMENTATION DEM. QUALIF.	4	QUALIF. METHOD	5	H/M	6	OUTS ITEMS	7	
TAG NO : AUX FWP 2A PB	OPERABIL-ITY /NORM/TEST DBA	40 YEARS + TEST + 180 DAYS POST DBA		REF 1		FSAR TABLE 3.11-2		REF 1		COMB. TEST & EXTRA- POL'N		/		NONE		ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE																ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN		REF 1		TTB23A SL2-FSAR TABLE311-1 T408 2C		REF 1		COMB. TEST & EXTRA- POL'N		H		NONE		REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)		REF 1		PTB23A SL2-FSAR TABLE311-1 P408 2C		REF 1		COMB. TEST & EXTRA- POL'N		H		NONE		MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE																SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C10-2A	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)		REF 1		HTB23A SL2-FSAR TABLE311-1 H408 2C		REF 1		COMB. TEST & EXTRA- POL'N		/		NONE		NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED																
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY		REF 1		CTB23A SL2-FSAR TABLE311-1 C408 2C		REF 1		NOT APPLIC ABLE		M		NONE		
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 DI 1 YR 40YR/RW	1.0E5 INTEG RATED DOSE	REF 1		RTB23A SL2-FSAR TABLE311-1 R408 2C		REF 1		COMB. TEST & EXTRA- POL'N		M		NONE		
SPECIFICATIONS:324																
P.O #:422589 CWD # : 0629/	AGE- INST LIFE (PER 323-1974 DEF.)	40 YRS		REF 1		10CFR50 PARA 50.51		REF 1		COMB. TEST & EXTRA- POL'N		/		NONE		SAFETY FUNCTION: RPS ESF
PLANT LOC.: TB23																
COORDINATES X- 715.0 Y- 1411.0 Z- 26.0	SUBMERGED	NO AREA FLOODING		REF 1		STB23A SL2-FSAR TABLE311-1 S408 2C		REF 1		NOT APPLIC ABLE		M		NONE		AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES																
INSTAL. REF:FV0289	PARA-METER	SUPPL. REVIEW		FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #												QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1														
**********	TEMPERATURE	T 55.1														
QUALIF RETEST	PRESSURE	P 55.1														
STATUS	REL. HUMDTY	H 55.1														
********	CHEM. SPRAY	C 55.1														
*	RADIATION	R 55.1		REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982												
**********	AGING	55.1														
PHYS DWG REF: 2998G-408 2C	SUBMERGENCE	S 55.1														REVISION # :03 DATE :08/30/82
PHYS DWG LOC:																
MOUNTING : NOT APPLICABLE																SYSTEM :AUXILIARY FEEDWATER
EQ PACK # : 55.1	SAR ENV CAT: K															TAG :AUX FWP 2A PB
	0588 CATEG.: B															
	APPENDIX E															

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0094

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : AUX FWP 2B	OPERABILITY	TEST/SD OPERATION:		SL2-FSAR 3.11-2	GEK 42767-R4 PG. 23	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 28,7,2 DAYS
	NORM/TEST	<4000 HRS	>5000 HRS						
EQUIPMENT: MOTORS	DBA	8 HRS DBA	>24HRS DBA						ACCEL TEMP:
TYPE									190,210,230C
	TEMPERATURE	108F NORM	140 F	TTB23B	GEK	COMB.	H	NONE	
COMPONENT: PUMP MOTOR		FIG. C-1A	CONTINUOUS	SL2-FSAR	42767-	TEST &			REPLACEMENT:
		136F1200HR	ENVELOPES	TABLE311-1	R4	EXTRA-			SEC.VI/GEK42
		127FDESIGN	FIG.C-1A	T408 2C	PG. 22	POL'N			767
MANUFACTURER: GENERAL ELECTRIC	PRESSURE	ATMOS.NORM	ATMOS NORM	PTB23B	EBASCO EQ	COMB.	H	NONE	MAINTAIN.:
		FIG. C-1B		SL2-FSAR	REVIEW	TEST &			SEC.VI/GEK42
MAJOR SUPPLIER : INGERSOLL-RAND		(ACC. DBA)	ENVELOPES	TABLE311-1	C-1-1	EXTRA-			767
			FIG.C-1B	P408 2C		POL'N			SUBCOMPONENTS:
MODEL AND SERIAL #: 5K811043C16/ BR8405665	RELATIVE HUMIDITY	48.0% NORM	100%	HTB23B	GEK 42767	COMB.	/	NONE	NO UNIQUE TAGGED
		100%		SL2-FSAR	R4 PAGE 19	TEST &			SUBCOMPONENTS ARE
		(ACC. DBA)		TABLE311-1		EXTRA-			ENVELOPED BY THIS
FUNCT.DES: AUXILARY FEED & SERVICE WATER PUMP 2B				H408 2C		POL'N			EQUIPMENT.
									NOTES: 1.SYS.FUNC.
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23B SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	NOT APPLICAB LE	M	NONE	IS DEFINED IN FSAR SEC.10.4.9 2.SEE FIG.10.4-8 OF FSAR FOR SCHEMATIC.
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 DI D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	1.1E6 RAD INTEGRATED DOSE	RTB23B SL2-FSAR TABLE311-1 R408 2C	GEK 42767 R4 PG 6	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 289									
P.O #:422508 CWD # : 0630/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	GEK 42767 R4 PAGE 23	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: TB23									ESF
COORDINATES X- 676.0 Y- 1398.0 Z- 19.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23B SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	NOT APPLICAB LE	M	NONE	AUTH. REFERENCE:
INSTALLED (Y/N): YES									
INSTAL. REF: FV0002	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:4.3
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	4.3							
QUALIF QUALIFIED	TEMPERATURE T	4.3							
STATUS	PRESSURE P	4.3							
	REL. HUMDTY H	4.3							
	CHEM. SPRAY C	4.3							
	RADIATION R	4.3	REFERENCES: 1.GE TOPICAL REPORT IEEE 323 CLASS IE INDUCTION MOTORS.GEK 42767 R4 MASS OF MOTOR IS SUCH THAT NO PROBLEM TO DEMONSTRATE QUAL.						
PHYS DWG REF: 2998G-408 2C	AGING	4.3							
PHYS DWG LOC:	SUBMERGENCE S	4.3							REVISION # :03
MOUNTING : N/A									DATE :08/30/82
EQ PACK # : 4.3	SAR ENV CAT: K								SYSTEM :AUXILIARY FEEDWATER
	0588 CATEG.: A								TAG :AUX FWP 2B
	APPENDIX E								

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0095

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL.	DEM.	QUALIF.	DOCUMENTATION ACTUAL	DEM.	QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : AUX FWP 2B PB	OPERABIL-ITY	40 YEARS + TEST + 180 DAYS POST	REF 1		FSAR TABLE 3.11-2	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE	NORM/TEST DBA	DBA									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	REF 1		TTB23B SL2-FSAR TABLE311-1 T408 2C	REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	REF 1		PTB23B SL2-FSAR TABLE311-1 P408 2C	REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE											SUBCOMPONENTS:
MODEL AND SERIAL #: B/M C10-2A	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	REF 1		HTB23B SL2-FSAR TABLE311-1 H408 2C	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED											
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1		CTB23B SL2-FSAR TABLE311-1 C408 2C	REF 1		NOT APPLIC ABLE	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 30 D 1 YR	1.0E5 INTEG RATED DOSE	REF 1	RTB23B SL2-FSAR TABLE311-1 R408 2C	REF 1		COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS:324											
P.O #:422589 CWD # : 0630/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS		REF 1	10CFR50 PARA 50.51	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: 3. RPS ESF
PLANT LOC.: TB23											
COORDINATES X- 680.0' Y- 1375.0 Z- 26.0	SUBMERGED	NO AREA FLOODING		REF 1	STB23B SL2-FSAR TABLE311-1 S408 2C	REF 1		NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES											
INSTAL. REF:FV0291	PARA-METER	SUPPL. REVIEW			FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1									
**********	TEMPERATURE T	55.1									
QUALIF. RETEST	PRESSURE P	55.1									
STATUS	REL. HUMDTY H	55.1									
********	CHEM. SPRAY C	55.1									
*	RADIATION R	55.1			REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
**********	AGING	55.1									
PHYS DWG REF: 2998G-408 2C	SUBMERGENCE S	55.1									REVISION # :03
PHYS DWG LOC:											DATE :08/30/82
MOUNTING : NOT APPLICABLE											
EQ PACK # : 55.1	SAR ENV CAT: K										SYSTEM :AUXILIARY FEEDWATER
	0588 CATEG.: B										TAG :AUX FWP 2B PB
	APPENDIX E										

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0121

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : B2G30	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS < 30 DAYS POST DBA	PLANNED TEST/QUAL TO ENVELOP REQUIREMT	SL2 FSAR TBLE3.11-2 OPER. REVIEW	ACTON TEST PROC. 15878 REF.1,2,3	COMB. TEST & EXTRA- POL'N	/ .	REF. 1,2,3	ACCEL TIME: PER COMPONT.
EQUIPMENT: ELECTRICAL BOX TYPE									ACCEL TEMP: PER COMPONT.
COMPONENT: INTERLOCKING RELAY	TEMPERAT-URE .	89.5F NORM 119F NO AC 116F1200HR 108FDESIGN	PLANNED TEST/QUAL TO ENVELOP REQUIREMT	TAB24B SL2-FSAR TABLE311-1 T391	ACTON TEST PROC. 15878 REF.1,2,3	COMB. TEST & EXTRA- POL'N	M	REF. 1,2,3	REPLACEMENT: SUBJECT TO TEST RESULTS
MANUFACTURER: SEE SUBCOMPONENTS									MAINTAIN.: SUBJECT TO
MAJOR SUPPLIER : SYSTEMS CONTROL	PRESSURE	ATMOS NORM 0 PSIG (ACC. DBA)	PLANNED TEST/QUAL TO ENVELOP REQUIREMT	PAB24B SL2-FSAR TABLE311-1 P391	ACTON TEST PROC. 15878 REF.1,2,3	COMB. TEST & EXTRA- POL'N	M	REF. 1,2,3	TEST RESULTS SUBCOMPONENTS:
MODEL AND SERIAL # : SEE SUBCOMPONENTS	RELATIVE HUMIDITY	62.0% NORM 63.0%1200H 39% DESIGN	PLANNED TEST/QUAL TO ENVELOP REQUIREMT	HAB24B SL2-FSAR TABLE311-1 H391	ACTON TEST PROC. 15878 REF.1,2,3	COMB. TEST & EXTRA- POL'N	/ .	REF. 1,2,3	1.NEMA 4 BOX 2.GE-12HGA111J2 3.AGASTAT-E7012PB 4.AGASTAT-E7012PD
FUNCT.DES: & SERVICE : MISCELLANEOUS CONTROL INTERLOCKS FOR CHRG PUMPS	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	5.GE-CR2940 6.GE-ET16 7.GE-EB25 8.HITEMP TEFZEL WIRING. 9.AMP TERMINALS
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	170 5.0E4 2.0E5 2.6E5 2.9E5 3.7E5 5.0E4 2.5E5	PLANNED TEST/QUAL TO ENVELOP REQUIREMT	RAB24N SL2-FSAR TABLE311-1 R391	ACTON TEST PROC. 15878 REF.1,2,3	COMB. TEST & EXTRA- POL'N	H	REF. 1,2,3	
SPECIFICATIONS: 149									
P.O #: 422688 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	PLANNED TEST/QUAL TO ENVELOP REQUIREMT	10CFR50 PARA 50.51	ACTON TEST PROC. 15878 REF.1,2,3	COMB. TEST & EXTRA- POL'N	/	REF. 1,2,3	SAFETY FUNCTION:
PLANT LOC.: AB24									ESF
COORDINATES X- 544.0 Y- 1551.0 Z- 5.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	SD AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES INSTAL. REF: FV0301 QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	20.1
TEMPERATURE T	20.1
PRESSURE P	20.1
REL. HUMDTY H	20.1
CHEM. SPRAY C	20.1
RADIATION R	20.1
AGING	20.1
SUBMERGENCE S	20.1
SAR ENV CAT: D	
0588 CATEG.: A	
APPENDIX E	

QUALIF RETEST
STATUS

PHYS DWG REF: 2998G-391
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 20.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1)TST/QUAL.IS PLANNED PER REF. PROCED. FOR FALL -1982
2)TESTING/QUAL. TO BE TO IEEE 323-74,383-74,650-79,381-77.
3)VENDOR IS REVWNG A/E COMENTS

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 20.1

REVISION # : 03
DATE : 08/30/82

SYSTEM : CHEMICAL&VOL CONTROL
TAG : B2G30

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0122

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : B2G31	OPERABILITY	40 YEARS	PLANNED	SL2 FSAR	ACTON TEST	COMB.	/	REF.	ACCEL TIME:
	NORM/TEST	<30 DAYS	TEST/QUAL.	TABLE 3.11	PROCED.	TEST &		1,2,3	PER COMPNT
EQUIPMENT: ELECTRICAL BOX	DBA	POST DBA	TO ENVELOP	-2 OPER.	15878	EXTRA-			
TYPE			REQUIREMTS	REVIEW	REF.1,2,3	POL'N			ACCEL TEMP:
	TEMPERATURE	89.5F NORM	PLANNED	TAB24B	ACTON TEST	COMB.	M	REF.	PER COMPNT
COMPONENT: INTERLOCKING RELAY		119F NO AC	TEST/QAL.	SL2-FSAR	PROCED.	TEST &		1,2,3	REPLACEMENT:
		116F1200HR	TO ENVELOP	TABLE311-1	15878	EXTRA-			SUBJECT TO
		108FDESIGN	REQUIREMTS	T391	REF.1,2,3	POL'N			TEST RESULTS
MANUFACTURER: SEE SUBCOMPONENTS									MAINTAIN.:
	PRESSURE	ATMOS NORM	PLANNED	PAB24B	ACTON TEST	COMB.	M	REF.	SUBJECT TO
		0 PSIG	TEST/QUAL.	SL2-FSAR	PROCED.	TEST &		1,2,3	TEST RESULTS
MAJOR SUPPLIER : SYSTEMS CONTROLS		(ACC. DBA)	TO ENVELOP	TABLE311-1	15878	EXTRA-			SUBCOMPONENTS:
			REQUIREMTS	P391	REF.1,2,3	POL'N			
									1.NEMA 4 BOX
MODEL AND SERIAL #: SEE SUBCOMPONENTS	RELATIVE HUMIDITY	62.0% NORM	PLANNED	HAB24B	ACTON TEST	COMB.	/	REF.	2.GE-12HGA111J2
			TEST/QUAL.	SL2-FSAR	PROCED.	TEST &		1,2,3	3.AGASTAT-E7012PB
		63.0%1200H	TO ENVELOP	TABLE311-1	15878	EXTRA-			4.AGASTAT-E7012PD
FUNCT.DES: MISC. CONTROL & SERVICE INTERLOCKS FOR CHARGING PUMPS.		39% DESIGN	REQUIREMTS	H391	REF.1,2,3	POL'N			5.GE-CR2940
									6.GE-ET16
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	7.GE-EB25
									8.HITEMP TEFZEL WIRING.
ACCUR. SPEC: NOT APPLICABLE									9.AMP TERMINAL
	R 2 HR	170 5.0E4	PLANNED	RAB24N	ACTON TEST	COMB.	H	REF.	
ACCUR. DEM.: NOT APPLICABLE	A 30 D	2.0E5 2.6E5	TEST/QUAL.	SL2-FSAR	PROCED.	TEST &		1,2,3	
	D 1 YR	2.9E5 3.7E5	TO ENVELOP	TABLE311-1	15878	EXTRA-			
	. 40YR/RW	5.0E4 2.5E5	REQUIREMTS	R391	REF.1,2,3	POL'N			
SPECIFICATIONS: 149									
	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	PLANNED	10CFR50	ACTON TEST	COMB.	/	REF.	SAFETY FUNCTION:
P.O #: 422688 CWD # : /			TEST/QUAL.	PARA 50.51	PROCED.	TEST &		1,2,3	
			TO ENVELOP		15878	EXTRA-			ESF
PLANT LOC.: AB24			REQUIREMTS		REF.1,2,3	POL'N			
									SD
COORDINATES X- 567.0	SUBMERGED	NO	NOT	SAB24	NOT	N/A	M	NONE	
Y- 1562.0		AREA	APPLICABLE	SL2-FSAR	APPLICABLE				
Z- 5.0		FLOODING		TABLE311-1					AUTH. REFERENCE:
									3.11-2

INSTALLED (Y/N): YES
INSTAL. REF: FV0302
QUALIF EXEMPTN: NOT APPLIC

PARA-METER	SUPPL. REVIEW
OPERABILITY	20.1
TEMPERATURE T	20.1
PRESSURE P	20.1
REL. HUMDTY H	20.1
CHEM. SPRAY C	20.1
RADIATION R	20.1
AGING	20.1
SUBMERGENCE S	20.1

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)TEST/QUAL IS PLANNED PER REF PROCEDURE FALL1982.2)TEST/QUAL TO IEEE323-74,383-74,650-79, 381-77. 3)VENDOR IS REVIEWING A/E COMMENTS ON THIS PROCEDURE

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 20.1

REVISION # : 03
DATE : 08/30/82

SYSTEM : CHEMICAL&VOL CONTROL
TAG : B2G31

QUALIF RETEST
STATUS
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PHYS DWG REF: 2998G-391
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 20.1

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0123

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : B2G32	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS <30 DAYS POST DBA	PLANNED TEST/QUAL. TO ENVELOP REQUIREMTS	SL2-FSAR TBL 3.11-1 OPER. REVIEW	ACTON TEST PROCED. 15878 REF.1,2,3	COMB. TEST & EXTRA- POL'N	/	REF. 1,2,3	ACCEL TIME: PER COMPNT
EQUIPMENT: ELECTRICAL BOX TYPE									ACCEL TEMP: PER COMPNT
COMPONENT: INTERLOCKING RELAY	TEMPERAT-URE	89.5F NORM 119F NO AC 116F1200HR 108FDESIGN	PLANNED TEST/QAL. TO ENVELOP REQUIREMTS	TAB24B SL2-FSAR TABLE311-1 T391	ACTON TEST PROCED. 15878 REF.1,2,3	COMB. TEST & EXTRA- POL'N	M	REF. 1,2,3	REPLACEMENT: SUBJECT TO TEST RESULTS
MANUFACTURER: SEE SUBCOMPONENTS	PRESSURE	ATMOS NORM 0 PSIG (ACC. DBA)	PLANNED TEST/QUAL. TO ENVELOP REQUIREMTS	PAB24B SL2-FSAR TABLE311-1 P391	ACTON TEST PROCED. 15878 REF.1,2,3	COMB. TEST & EXTRA- POL'N	M	REF. 1,2,3	MAINTAIN.: SUBJECT TO TEST RESULTS
MAJOR SUPPLIER : SYSTEMS CONTROL									SUBCOMPONENTS:
MODEL AND SERIAL # : SEE SUBCOMPONENTS	RELATIVE HUMIDITY	62.0% NORM 63.0%1200H 39% DESIGN	PLANNED TEST/QUAL. TO ENVELOP REQUIREMTS	HAB24B SL2-FSAR TABLE311-1 H391	ACTON TEST PROCED. 15878 REF.1,2,3	COMB. TEST & EXTRA- POL'N	/	REF. 1,2,3	1.NEMA 4 BOX 2.GE-12HGA111J2 3.AGASTAT-E7012PB 4.AGASTAT-E7012PD
FUNCT.DES: & SERVICE: MISC. CONTROL INTERLOCKS FOR CHARGING PUMPS	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	5.GE-CR2940 6.GE-ET16 7.GE-EB25 8.HITEMP TEFZEL WIRING. 9.AMP TERMINAL
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	170 5.0E4 2.0E5 2.6E5 2.9E5 3.7E5 5.0E4 2.5E5	RAB24N SL2-FSAR TABLE311-1 R391	ACTON TEST PROCED. 15878 REF.1,2,3	COMB. TEST & EXTRA- POL'N	H	REF. 1,2,3	
SPECIFICATIONS: 149									
P.O #: 422688 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	PLANNED TEST/QUAL. TO ENVELOP REQUIREMTS	10CFR50 PARA 50.51	ACTON TEST PROCED. 15878 REF.1,2,3	COMB. TEST & EXTRA- POL'N	/	REF. 1,2,3	SAFETY FUNCTION:
PLANT LOC.: AB24									ESF
COORDINATES X- 572.0 Y- 1550.0 Z- 5.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	SD AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES INSTAL. REF: FV0303 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 20.1
********** *QUALIF* *STATUS* ******** * **********	OPERABILITY TEMPERATURE T PRESSURE P REL. HUMDTY H CHEM. SPRAY C RADIATION R	20.1 20.1 20.1 20.1 20.1 20.1							
PHYS DWG REF: 2998G-391 PHYS DWG LOC: MOUNTING : N/A EQ PACK # : 20.1	AGING SUBMERGENCE S SAR ENV CAT: D 10588 CATEG.: A APPENDIX E	20.1 20.1	REFERENCES: 1)TEST/QUAL IS PLANNED PER REF PROCEDURE FALL1982.2)TEST/QUAL TO IEEE323-74,383-74,650-79, 381-77. 3)VENDOR IS REVIEWING A/E COMMENTS ON THIS PROCEDURE						REVISION # :03 DATE :08/30/82 SYSTEM :CHEMICAL&VOL CONTROL TAG :B2G32

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0136

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : B2G87	OPERABILITY NORM/TEST DBA	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: NOT APPLIC.
EQUIPMENT: ELECTRICAL BOX TYPE									ACCEL TEMP: NOT APPLIC.
COMPONENT: TERMINAL BOX	TEMPERATURE	85.5F NORM 112F1200HR 104FDESIGN	SEE REF.1 NOTE 1	TAB24H SL2-FSAR TABLE311-1 T390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: SEE DWG. B404									MAINTAIN.:
MAJOR SUPPLIER : SEE DWG. B404	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF.1 NOTE 1	PAB24 SL2-FSAR TABLE311-1 P390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND SERIAL # : SEE DWG. B404	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	SEE REF.1 NOTE 1	HAB24H SL2-FSAR TABLE311-1 H390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE SEE QUALIFIED TERMINAL BLCKS CES # 0145									NOTE 1)HOWEVER, CONTAINED EQUIP.
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF.1 NOTE 1	CAB24 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	IS INDIVIDUALLY REVIEWED FOR QUAL. SEISMIC STRUCTURAL
ACCUR. SPEC: NOT APPLICABLE									ANALYSIS DEMOSTR. THAT EQUIP.DOES
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 260 4.0E5 30 D 3.0E5 2.0E6 1 YR 4.5E5 3.5E6 40YR/RW 5.0E4 2.0E6	NOT APPLICABLE METALLIC ENCLOSURE	RAB24K SL2-FSAR TABLE311-1 R390	NOT APPLICABLE METALLIC ENCLOSURE	COMB. TEST & EXTRA- POL'N	H	NONE	NOT FAIL IN A DETRIMENTAL MANNER.
SPECIFICATIONS: 278J									
P.O #:B404 CWD # : 0466/	AGE- INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF.1 NOTE 1	10CFR50 PARA. 50.51	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									AUXSUP
COORDINATES X- 558.0 Y- 1454.0 Z- 5.0	SUBMERGED	NO AREA FLOODING	SEE REF.1 NOTE 1	SAB24 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0018									
QUALIF EXEMPTN: NOT APPLIC.									

PARAMETER	SUPPL. REVIEW BOX
OPERABILITY	
TEMPERATURE	T BOX
PRESSURE	P BOX
REL. HUMDTY	H BOX
CHEM. SPRAY	C BOX
RADIATION	R BOX
AGING	BOX
SUBMERGENCE	S BOX

QUALIF QUALIFIED
STATUS
****
*

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : BOX

SAR ENV CAT: D
O588 CATEG.: B
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)THIS METAL. BOX(SEIS.QUAL.) PROVIDE OUTER ENCL. ONLY FOR TERM.&MOUNTING OF CLASS 1E ORGANIC MATER.(TB'S,CBLS,ETC.) REV. ON APPROPRIATE CES SHEETS

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:BOX

REVISION # :03
DATE :08/30/82

SYSTEM :CABLE & RACEWAY
TAG :B2G87

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0137

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : B2G88	OPERABIL-ITY /NORM/TEST /DBA	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: NOT APPLIC.
EQUIPMENT: ELECTRICAL BOX TYPE									ACCEL TEMP: NOT APPLIC.
COMPONENT: TERMINAL BOX	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	SEE REF.1 NOTE 1	TAB24H SL2-FSAR TABLE311-1 T390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: SEE DWG. B404									MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : SEE DWG. B404	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF.1 NOTE 1	PAB24 SL2-FSAR TABLE311-1 P390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT NOTE 1)HOWEVER, CONTAINED EQUIP. IS INDIVIDUALLY REVIEWED FOR QUAL. SEISMIC STRUCTURAL ANALYSIS DEMOSTR. THAT EQUIP.DOES NOT FAIL IN A DETRIMENTAL MANNER.
MODEL AND: SEE DWG. B404 SERIAL #	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	SEE REF.1 NOTE 1	HAB24H SL2-FSAR TABLE311-1 H390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: SEE QUALIFIED & SERVICE TERMINAL BLCKS CES # 0145									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF.1 NOTE 1	CAB24 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	260 4.0E5 13.0E5 2.0E6 14.5E5 3.5E6 15.0E4 2.0E6	NOT APPLICABLE METALLIC ENCLOSURE	RAB24K SL2-FSAR TABLE311-1 R390	NOT APPLICABLE METALLIC ENCLOSURE	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 278J									
P.O #: B404 CWD # : 0466/	AGE- INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF.1 NOTE 1	10CFR50 PARA 50.51	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									AUXSUP
COORDINATES X- 556.0 Y- 1454.0 Z- 5.0	SUBMERGED	NO AREA FLOODING	SEE REF.1 NOTE 1	SAB24 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0019	PARA-METER	SUPPL. REVIEW BOX	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:BOX
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	BOX							
QUALIF QUALIFIED	TEMPERATURE	T BOX							
STATUS	PRESSURE	P BOX							
	REL. HUMDTY	H BOX							
	CHEM. SPRAY	C BOX							
	RADIATION	R BOX	REFERENCES: 1)THIS METAL. BOX(SEIS.QUAL.) PROVIDE OUTER ENCL. ONLY FOR TERM.&MOUNTING OF CLASS 1E ORGANIC MATER.(TB'S,CBLS,ETC.) REV. ON APPROPRIATE CES SHEETS						REVISION # :03 DATE :08/30/82
PHYS DWG REF: 2998G-390	AGING	BOX							
PHYS DWG LOC:	SUBMERGENCE	S BOX							
MOUNTING : NOT APPLICABLE									SYSTEM :CABLE & RACEWAY
EQ PACK # : BOX	SAR ENV CAT: D 0588 CATEG.: B APPENDIX E								TAG :B2G88

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0138

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : B2G89	OPERABILITY NORM/TEST DBA	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: NOT APPLIC.
EQUIPMENT: ELECTRICAL BOX TYPE									ACCEL TEMP: NOT APPLIC.
COMPONENT: TERMINAL BOX	TEMPERATURE	85.5F NORM 112F1200HR 104FDESIGN	SEE REF.1 NOTE 1	TAB24H SL2-FSAR TABLE311-1 T390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: SEE DWG. B404									MAINTAIN.:
MAJOR SUPPLIER : SEE DWG. B404	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF.1 NOTE 1	PAB24 SL2-FSAR TABLE311-1 P390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND SERIAL #: SEE DWG. B404	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	SEE REF.1 NOTE 1	HAB24H SL2-FSAR TABLE311-1 H390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE SEE QUALIFIED TERMINAL BLCKS CES # 0145	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF.1 NOTE 1	CAB24 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	NOTE 1)HOWEVER, CONTAINED EQUIP. IS INDIVIDUALLY REVIEWED FOR QUAL. SEISMIC STRUCTURAL ANALYSIS DEMOSTR. THAT EQUIP.DOES
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	260 4.0E5 3.0E5 2.0E6 4.5E5 3.5E6 5.0E4 2.0E6	NOT APPLICABLE METALLIC ENCLOSURE	RAB24K SL2-FSAR TABLE311-1 R390	NOT APPLICABLE METALLIC ENCLOSURE	COMB. TEST & EXTRA- POL'N	H	NONE	NOT FAIL IN A DETRIMENTAL MANNER.
SPECIFICATIONS: 278J									
P.O #: B404 CWD # : 0467/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF.1 NOTE 1	10CFR50 PARA 50.51	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									AUXSUP
COORDINATES X- 562.0 Y- 1416.0 Z- 5.0	SUBMERGED	NO AREA FLOODING	SEE REF.1 NOTE 1	SAB24 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0020	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: BOX
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	BOX							
QUALIF QUALIFIED *STATUS*	TEMPERATURE T	BOX							
	PRESSURE P	BOX							
	REL. HUMDTY H	BOX							
	CHEM. SPRAY C	BOX							
	RADIATION R	BOX							
PHYS DWG REF: 2998G-390	AGING	BOX							
PHYS DWG LOC:	SUBMERGENCE S	BOX							
MOUNTING : NOT APPLICABLE									
EQ PACK # : BOX	SAR ENV CAT: D 10588 CATEG.: B APPENDIX E								REVISION # :03 DATE :08/30/82
			REFERENCES: 1)THIS METAL. BOX(SEIS.QUAL.) PROVIDE OUTER ENCL. ONLY FOR TERM.&MOUNTING OF CLASS 1E ORGANIC MATER.(TB'S,CBLS,ETC.) REV. ON APPROPRIATE CES SHEETS						SYSTEM :CABLE & RACEWAY TAG :B2G89

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0139

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : B2G90	OPERABIL-ITY /NORM/TEST /DBA	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: NOT APPLIC.
EQUIPMENT: ELECTRICAL BOX TYPE									ACCEL TEMP: NOT APPLIC.
COMPONENT: TERMINAL BOX	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	SEE REF.1 NOTE 1	TAB24H SL2-FSAR TABLE311-1 T390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: SEE DWG. B404	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF.1 NOTE 1	PAB24 SL2-FSAR TABLE311-1 P390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : SEE DWG. B404									SUBCOMPONENTS:
MODEL AND SERIAL # : SEE DWG. B404	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	SEE REF.1 NOTE 1	HAB24H SL2-FSAR TABLE311-1 H390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE SEE QUALIFIED TERMINAL BLCKS CES # 0145	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF.1 NOTE 1	CAB24 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	NOTE 1)HOWEVER, CONTAINED EQUIP. IS INDIVIDUALLY REVIEWED FOR QUAL.
ACCUR. SPEC: NOT APPLICABLE									SEISMIC STRUCTURAL ANALYSIS DEMOSTR. THAT EQUIP.DOES
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	260 4.0E5 3.0E5 2.0E6 4.5E5 3.5E6 5.0E4 2.0E6	NOT APPLICABLE METALLIC ENCLOSURE	RAB24K SL2-FSAR TABLE311-1 R390	NOT APPLICABLE METALLIC ENCLOSURE	COMB. TEST & EXTRA- POL'N	H	NONE	NOT FAIL IN A DETRIMENTAL MANNER.
SPECIFICATIONS: 278J									
P.O #:B404 CWD # : 0467/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF.1 NOTE 1	10CFR50 PARA 50.51	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									AUXSUP
COORDINATES X- 556.0 Y- 1416.0 Z- 5.0	SUBMERGED	NO AREA FLOODING	SEE REF.1 NOTE 1	SAB24 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES INSTAL. REF:FV0021 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW BOX	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:BOX
********** *QUALIF* QUALIFIED *STATUS* ******** * **********	OPERABILITY TEMPERATURE PRESSURE REL. HUMDTY CHEM. SPRAY RADIATION AGING SUBMERGENCE	T BOX P BOX H BOX C BOX R BOX BOX S BOX	REFERENCES: 1)THIS METAL. BOX(SEIS.QUAL.) PROVIDE OUTER ENCL. ONLY FOR TERM.&MOUNTING OF CLASS 1E ORGANIC MATER.(TB'S,CBLS,ETC.) REV. ON APPROPRIATE CES SHEETS						REVISION # :03 DATE :08/30/82
PHYS DWG REF: 2998G-390 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : BOX	SAR ENV CAT: D 10588 CATEG.: B APPENDIX E								SYSTEM :CABLE & RACEWAY TAG :B2G90

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0140

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : B2G91	OPERABILITY NORM/TEST DBA	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: NOT APPLIC.
EQUIPMENT: ELECTRICAL BOX TYPE									ACCEL TEMP: NOT APPLIC.
COMPONENT: TERMINAL BOX	TEMPERATURE	85.5F NORM 112F1200HR 104FDESIGN	SEE REF.1 NOTE 1	TAB25 SL2-FSAR TABLE311-1 T392	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: SEE DWG. B404									MAINTAIN.:
MAJOR SUPPLIER : SEE DWG. B404	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF.1 NOTE 1	PAB25 SL2-FSAR TABLE311-1 P392	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND SERIAL #: SEE DWG. B404	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 43% DESIGN	SEE REF.1 NOTE 1	HAB25 SL2-FSAR TABLE311-1 H392	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE SEE QUALIFIED TERMINAL BLCKS CES # 0145	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF.1 NOTE 1	CAB25 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	NOTE 1)HOWEVER, CONTAINED EQUIP. IS INDIVIDUALLY REVIEWED FOR QUAL. SEISMIC STRUCTURAL ANALYSIS DEMOSTR.
ACCUR. SPEC: NOT APPLICABLE									THAT EQUIP.DOES
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	310 1.0E4 3.5E5 8.8E4 5.3E5 1.2E5 1.0E4 5.0E4	NOT APPLICABLE METALLIC ENCLOSURE	RAB25I SL2-FSAR TABLE311-1 R393	NOT APPLICABLE METALLIC ENCLOSURE	COMB. TEST & EXTRA- POL'N	M	NONE	NOT FAIL IN A DETRIMENTAL MANNER.
SPECIFICATIONS: 278J									
P.O #: B404 CWD # : 0466/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF.1 NOTE 1	10CFR50 PARA 50.51	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB25									AUXSUP
COORDINATES X- 575.0 Y- 1519.0 Z- 20.0	SUBMERGED	NO AREA FLOODING	SEE REF.1 NOTE 1	SAB25 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0022	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: BOX
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	BOX							
QUALIF QUALIFIED *STATUS*	TEMPERATURE	T BOX							
	PRESSURE	P BOX							
	REL. HUMDTY	H BOX							
	CHEM. SPRAY	C BOX							
	RADIATION	R BOX	REFERENCES: 1)THIS METAL. BOX(SEIS.QUAL.) PROVIDE OUTER ENCL. ONLY FOR TERM.&MOUNTING OF CLASS 1E ORGANIC MATER.(TB'S,CBLS,ETC.) REV. ON APPROPRIATE CES SHEETS						REVISION # :03 DATE :08/30/82
PHYS DWG REF: 2998G-392	AGING	BOX							
PHYS DWG LOC:	SUBMERGENCE	S BOX							SYSTEM :CABLE & RACEWAY
MOUNTING : NOT APPLICABLE									
EQ PACK # : BOX	SAR ENV CAT: E 0588 CATEG.: B APPENDIX E								TAG :B2G91

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0141

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : B2G92	OPERABILITY NORM/TEST	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: NOT APPLIC.
EQUIPMENT: ELECTRICAL BOX TYPE	DBA								ACCEL TEMP: NOT APPLIC.
COMPONENT: TERMINAL BOX	TEMPERATURE	85.5F NORM 112F1200HR 104FDESIGN	SEE REF.1 NOTE 1	TAB25 SL2-FSAR TABLE311-1 T392	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: SEE DWG. B404									MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : SEE DWG. B404	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF.1 NOTE 1	PAB25 SL2-FSAR TABLE311-1 P392	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND SERIAL #: SEE DWG. B404	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 43% DESIGN	SEE REF.1 NOTE 1	HAB25 SL2-FSAR TABLE311-1 H392	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1)HOWEVER, CONTAINED EQUIP. IS INDIVIDUALLY REVIEWED FOR QUAL. SEISMIC STRUCTURAL ANALYSIS DEMOSTR. THAT EQUIP.DOES NOT FAIL IN A DETRIMENTAL MANNER.
FUNCT.DES: & SERVICE SEE QUALIFIED TERMINAL BLCKS CES # 0145	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF.1 NOTE 1	CAB25 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	310 1.0E4 3.5E5 8.8E4 5.3E5 1.2E5 1.0E4 5.0E4	NOT APPLICABLE METALLIC ENCLOSURE	RAB25I SL2-FSAR TABLE311-1 R393	NOT APPLICABLE METALLIC ENCLOSURE	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 278J									
P.O #: B404 CWD # : 0466/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF.1 NOTE 1	10CFR50 PARA 50.51	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB25									AUXSUP
COORDINATES X- 573.0 Y- 1519.0 Z- 20.0	SUBMERGED	NO AREA FLOODING	SEE REF.1 NOTE 1	SAB25 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0023									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW BOX
OPERABILITY	
TEMPERATURE	T
PRESSURE	P
REL. HUMDTY	H
CHEM. SPRAY	C
RADIATION	R
AGING	
SUBMERGENCE	S

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: BOX

QUALIF QUALIFIED
STATUS

REFERENCES: 1)THIS METAL. BOX(SEIS.QUAL.) PROVIDE OUTER ENCL. ONLY FOR TERM.&MOUNTING OF CLASS 1E ORGANIC MATER.(TB'S,CBLS,ETC.) REV. ON APPROPRIATE CES SHEETS

PHYS DWG REF: 2998G-392
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : BOX

SAR ENV CAT: E
10588 CATEG.: B
APPENDIX E

REVISION # :03
DATE :08/30/82

SYSTEM :CABLE & RACEWAY
TAG :B2G92

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0142

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : 2HVE-6A	OPERABIL-ITY	<1000 HRS	>2000 HRS	SL2-FSAR	WESTNG'HSE	REF 1,	/	NONE	ACCEL TIME:
	NORM/TEST	180 DAYS	>200 DAYS	TBL 3.11-2	MM9112	2			313.8 DAYS
EQUIPMENT: MOTORS	DBA	POST DBA	POST DBA	OPER'BLTY	PG 10,11,9				
TYPE				REVIEW	2 REF.1,2		.		ACCEL TEMP:
	TEMPERAT-URE	90.OF NORM	122F NORM	TAB27B	WESTNG'HSE	REF1,	M	NONE	410F 210C
COMPONENT: FAN MOTOR			CONT	SL2-FSAR	MM9112	2			REPLACEMENT:
		117F1200HR		TABLE311-1	PG 9,3				SEE INSTRUC.
		109FDESIGN		T395	REF 1,2				MANUAL
MANUFACTURER:WESTINGHOUSE									MAINTAIN.:
	PRESSURE	ATMOS NORM OPSIG	ATMOS NORM AND	PAB27	WESTNG'HSE	REF 1,	M	NONE	SEE INSTRUC.
		(ACC. DBA)	ACC DBA	SL2-FSAR	MM9112	2			MANUAL
MAJOR : NOT APPLICABLE				TABLE311-1	PG 3,4				SUBCOMPONENTS:
SUPPLIER				P394	REF 1,2				
									NO UNIQUE TAGGED
MODEL AND: L-987971	RELATIVE HUMIDITY	60.0% NORM	100%	HAB27B	WESTNG'HSE	REF 1,	/	NONE	SUBCOMPONENTS ARE
SERIAL # 7905-01-002				SL2-FSAR	MM9112	2			ENVELOPED BY THIS
		62.0%1200H		TABLE311-1	PG.4,8,9				EQUIPMENT
FUNCT.DES: SHIELD BLDG.		39% DESIGN		H395	REF 1,2				
& SERVICE VENT SYSTEM									NOTE:SYSTEM
FANS	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL	NOT APPLICABLE	CAB27 SL2-FSAR	NOT APPLICABLE	NOT APPLI-	M	NONE	FUNCTION DEFINED
				TABLE311-1		CABLE			IN FSAR SECTION
ACCUR. SPEC: NOT		SPRAY							6.2 AND FIGURE
APPLICABLE									6.2-51
	R 2 HR	810 1.0E5		RAB27K	WESTNG'HSE	REF 1,	H	NONE	
ACCUR. DEM.: NOT	A 30 D	7.4E5 6.6E6		SL2-FSAR	MM9112 P.3	2			
APPLICABLE	D 1 YR	1.1E6 6.6E6	2.0E8 RADS	TABLE311-1	APPENDIX B				
	. 40YR/RW	2.0E4 6.6E6	TID	R395	REF 1,2				
SPECIFICATIONS:780A									
	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA. 50.51	WESTNG'HSE MM9112 PG 10 REF 1,2	REF 1, 2	/	NONE	SAFETY FUNCTION:
P.O #:422687 CWD # : /									
PLANT LOC.: AB27									ESF
	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLI-CABLE	M	NONE	
COORDINATES X- 571.0									
Y- 1534.0									
Z- 43.0									AUTH. REFERENCE:
									CMM
INSTALLED (Y/N): YES									
INSTAL. REF:FV0606	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION
QUALIF EXEMPTN: NOT EXEMPT									
**********	OPERABILITY	4.7							PACKAGE:4.7
QUALIF QUALIFIED	TEMPERATURE T	4.7							
STATUS	PRESSURE P	4.7							
********	REL. HUMDTY H	4.7							
*	CHEM. SPRAY C	4.7	REFERENCES: 1.QUALIFICATION REPORT RECENTLY UPDATED.WCAP MM-9112 REV.6-01/15/82						
**********	RADIATION R	4.7							
PHYS DWG REF: 2998G-395	AGING	4.7							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	4.7	2.QUAL TO IEEE 323-74,334-74, 117-74						DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 4.7	SAR ENV CAT: D								SYSTEM :SHIELD BLDG. VENT
	0588 CATEG.: A								TAG :2HVE-6A
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0143

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : 2HVE-6B	OPERABIL-ITY NORM/TEST	<1000 HRS 180 DAYS	>2000 HRS >200 DAYS	SL2-FSAR TBL 3.11-2	WESTNG'HSE MM9112	REF 1, 2	/	NONE	ACCEL TIME: 313.8 DAYS
EQUIPMENT: MOTORS TYPE	DBA	POST DBA	POST DBA	OPER'BLTY REVIEW	PG 10,11,9 2 REF.1,2				ACCEL TEMP: 410F 210C
COMPONENT: FAN MOTOR	TEMPERAT-URE	90.OF NORM 117F1200HR 109FDESIGN	122F NORM CONT	TAB27B SL2-FSAR TABLE311-1 T395	WESTNG'HSE MM9112 PG 9,3 REF 1,2	REF1, 2	M	NONE	REPLACEMENT: SEE INSTRUC. MANUAL
MANUFACTURER:WESTINGHOUSE	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM AND ACC DBA	PAB27 SL2-FSAR TABLE311-1 P394	WESTNG'HSE MM9112 PG 3,4 REF 1,2	REF 1, 2	M	NONE	MAINTAIN.: SEE INSTRUC. MANUAL
MAJOR : NOT APPLICABLE SUPPLIER									SUBCOMPONENTS:
MODEL AND: L-987971 SERIAL # 7905-01-001	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	100%	HAB27B SL2-FSAR TABLE311-1 H395	WESTNG'HSE MM9112 PG.4,8,9 REF 1,2	REF 1, 2	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: SHIELD BLDG. & SERVICE VENT SYSTEM FANS	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLI-CABLE	M	NONE	NOTE:SYSTEM FUNCTION DEFINED IN FSAR SECTION 6.2 AND FIGURE 6.2-51
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 810 1.0E5 30 D 7.4E5 6.6E6 1 YR 1.1E6 6.6E6 40YR/RW 2.0E4 6.6E6	2.0E8 RADS TID	RAB27L SL2-FSAR TABLE311-1 R395	WESTNG'HSE MM9112 P.3 APPENDIX B REF 1,2	REF 1, 2	H	NONE	
SPECIFICATIONS:780A									
P.O #:422687 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	WESTNG'HSE MM9112 PG 10 REF 1,2	REF 1, 2	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB27									ESF
COORDINATES X- 570.0 Y- 1512.0 Z- 43.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLI-CABLE	M	NONE	AUTH. REFERENCE: CMM
INSTALLED (Y/N): YES									
INSTAL. REF:FV0608	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:4.7
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	4.7							
QUALIF QUALIFIED *STATUS*	TEMPERATURE T	4.7							
	PRESSURE P	4.7							
	REL. HUMDTY H	4.7							
	CHEM. SPRAY C	4.7							
	RADIATION R	4.7	REFERENCES: 1.QUALIFICATION REPORT RECENTLY UPDATED.WCAP MM-9112 REV.6-01/15/82 2.QUAL TO IEEE 323-74,334-74, 117-74						
PHYS DWG REF: 2998G-395	AGING	4.7							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	4.7							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 4.7	SAR ENV CAT: D								SYSTEM :SHIELD BLDG. VENT
	0588 CATEG.: A								TAG :2HVE-6B
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0145

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : QUALIFIED TERMINAL BLOCKS	OPERABIL-ITY /NORM/TEST /DBA	40 YRS UP TO 180DAYS POST DBA	140 YRS + >200 DAYS POST DBA	SL2FSAR TABLE311-2 OPER. REVIEW	FRC PROJCT C-5143 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 39.6/8.3 DYS
EQUIPMENT: TERMINAL BLOCKS TYPE									ACCEL TEMP: 329/250F
COMPONENT: TERMINAL BLOCKS	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	110F NORM FIG.C-1A 140F1200HR 130FDESIGN	TTB23D SL2-FSAR TABLE311-1 T408 2C	FRC PROJCT C-5143 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: AMERACE CORP									MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	ATMOS NORM 113PSIG ACC DBA	PTB23D SL2-FSAR TABLE311-1 P408 2C	FRC PROJCT C-5143 FIG 11 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS: 2.SEE SRS(TAB E) TO DEMONSTRATE 40 YR. LIFE PLUS >200 DAYS POST DBA.
MODEL AND SERIAL #: 616822(SERIES) N0B112	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23D SL2-FSAR TABLE311-1 H408 2C	FRC PROJCT C-5143 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: & SERVICE: TERMINATORS FOR CONTROL/ INSTR OUTSIDE CONTAINMENT	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23D SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	2E8 TOTAL INTEGRATED DOSE	RTB23D SL2-FSAR TABLE311-1 R408 2C	FRC PRJCT C-5143 PG 1-1 REF 1,2	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 2780									
P.O #: BY FLD CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REFER TO REF 2	10CFR50 PARA 50.51	REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: TB23									AUXSUP
COORDINATES X- 674.0 Y- 1389.0 Z- 45.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23D SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0388	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 17.1
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	17.1							
QUALIF QUALIFIED	TEMPERATURE T	17.1							
STATUS	PRESSURE P	17.1							
********	REL. HUMDTY H	17.1							
*	CHEM. SPRAY C	17.1							
**********	RADIATION R	17.1							
PHYS DWG REF: 2998G-408 2C	AGING	17.1	REFERENCES: 1.TB TESTED TO LOCA PROFILE IN EXCESS OF OUTSIDE TRANSIENT CONDITIONS AT STLUCIE2 FOR REF 2,SEE UNDER SUBCOMPONT						
PHYS DWG LOC:	SUBMERGENCE S	17.1							REVISION # :03 DATE :08/30/82
MOUNTING : B404									
EQ PACK # : 17.1	SAR ENV CAT: K								SYSTEM :PENETRATIONS
	0588 CATEG.: A								
	APPENDIX E								TAG :QUALIFIED

3

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0158

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : B215A	OPERABIL-ITY /NORM/TEST /DBA	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA-POL'N	/ .	NONE	ACCEL TIME: NOT APPLIC.
EQUIPMENT: ELECTRICAL BOX TYPE									ACCEL TEMP: NOT APPLIC.
COMPONENT: TERMINAL BOX	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	SEE REF.1 NOTE 1	TAB24I SL2-FSAR TABLE311-1 T390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA-POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: SEE DWG. B404									MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : SEE DWG. B404	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF.1 NOTE 1	PAB24 SL2-FSAR TABLE311-1 P390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA-POL'N	M	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND SERIAL # : SEE DWG. B404	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	SEE REF.1 NOTE 1	HAB24I SL2-FSAR TABLE311-1 H390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA-POL'N	/	NONE	NOTE 1)HOWEVER, CONTAINED EQUIP.
FUNCT.DES: & SERVICE SEE QUALIFIED TERMINAL BLCKS CES # 0145	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF.1 NOTE 1	CAB24 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA-POL'N	M	NONE	IS INDIVIDUALLY REVIEWED FOR QUAL. SEISMIC STRUCTURAL ANALYSIS DEMOSTR.
ACCUR. SPEC: NOT APPLICABLE									THAT EQUIP.DOES
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	NOT APPLICABLE METALLIC ENCLOSURE	RAB24M SL2-FSAR TABLE311-1 R390	NOT APPLICABLE METALLIC ENCLOSURE	H	NONE	NOT FAIL IN A DETRIMENTAL MANNER.
SPECIFICATIONS: 278J									
P.O #: B404 CWD # : 0586/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF.1 NOTE 1	10CFR50 PARA 50.51	SEE REF.1 NOTE 1	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									AUXSUP
COORDINATES X- 545.0 Y- 1502.0 Z- 5.0	SUBMERGED	-10.0 FT	SEE REF.1 NOTE 1	SAB24M SL2-FSAR TABLE311-1 S390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA-POL'N	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0030	PARA-METER	SUPPL. REVIEW BOX	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:BOX
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY								
QUALIF QUALIFIED *STATUS*	TEMPERATURE	T BOX							
	PRESSURE	P BOX							
	REL. HUMDTY	H BOX							
	CHEM. SPRAY	C BOX							
	RADIATION	R BOX	REFERENCES: 1)THIS METAL. BOX(SEIS.QUAL.) PROVIDE OUTER ENCL. ONLY FOR TERM.&MOUNTING OF CLASS 1E ORGANIC MATER.(TB'S,CBLS,ETC.) REV. ON APPROPRIATE CES SHEETS						
PHYS DWG REF: 2998G-390	AGING	BOX							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S BOX							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : BOX	SAR ENV CAT: D								SYSTEM :CABLE & RACEWAY
	0588 CATEG.: B								TAG :B215A
	APPENDIX E								

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0159

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : B2166	OPERABIL-ITY NORM/TEST DBA	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: NOT APPLIC.
EQUIPMENT: ELECTRICAL BOX TYPE									ACCEL TEMP: NOT APPLIC.
COMPONENT: TERMINAL BOX	TEMPERAT-URE	90.0F NORM 117F1200HR 109FDESIGN	SEE REF.1 NOTE 1	TAB27B SL2-FSAR TABLE311-1 T395	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: SEE DWG. B404									MAINTAIN.:
MAJOR SUPPLIER : SEE DWG. B404	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF.1 NOTE 1	PAB27 SL2-FSAR TABLE311-1 P394	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND SERIAL #: SEE DWG. B404	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	SEE REF.1 NOTE 1	HAB27B SL2-FSAR TABLE311-1 H395	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE SEE QUALIFIED TERMINAL BLCKS CES # 0145									NOTE 1)HOWEVER, CONTAINED EQUIP.
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF.1 NOTE 1	CAB27 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	IS INDIVIDUALLY REVIEWED FOR QUAL. SEISMIC STRUCTURAL ANALYSIS DEMOSTR.
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	NOT APPLICABLE METALLIC ENCLOSURE	RAB27L SL2-FSAR TABLE311-1 R395	NOT APPLICABLE METALLIC ENCLOSURE	COMB. TEST & EXTRA- POL'N	H	NONE	THAT EQUIP.DOES NOT FAIL IN A DETRIMENTAL MANNER.
SPECIFICATIONS: 278J									
P.O #: B404 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF.1 NOTE 1	10CFR50 PARA. 50.51	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB27									AUXSUP
COORDINATES X- 544.0 Y- 1523.0 Z- 43.0	SUBMERGED	NO AREA FLOODING	SEE REF.1 NOTE 1	SAB27 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0031	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:BOX
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	BOX							
QUALIF QUALIFIED *STATUS*	TEMPERATURE	T BOX							
	PRESSURE	P BOX							
	REL. HUMDTY	H BOX							
	CHEM. SPRAY	C BOX							
	RADIATION	R BOX	REFERENCES: 1)THIS METAL. BOX(SEIS.QUAL.) PROVIDE OUTER ENCL. ONLY FOR TERM.&MOUNTING OF CLASS 1E ORGANIC MATER.(TB'S,CBLS.ETC.) REV. ON APPROPRIATE CES SHEETS						
PHYS DWG REF: 2998G-395	AGING	BOX							REVISION # :03 3
PHYS DWG LOC:	SUBMERGENCE	S BOX							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : BOX	SAR ENV CAT: D 10588 CATEG.: B APPENDIX E								SYSTEM :CABLE & RACEWAY TAG :B2166

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0160

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : B2191	OPERABIL-ITY /NORM/TEST /DBA	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/ .	NONE	ACCEL TIME: NOT APPLIC.
EQUIPMENT: ELECTRICAL BOX TYPE									ACCEL TEMP: NOT APPLIC.
COMPONENT: TERMINAL BOX	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	SEE REF.1 NOTE 1	TAB24I SL2-FSAR TABLE311-1 T390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE 3
MANUFACTURER: SEE DWG. B404									MAINTAIN.:
MAJOR SUPPLIER : SEE DWG. B404	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF.1 NOTE 1	PAB24 SL2-FSAR TABLE311-1 P390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND SERIAL #: SEE DWG. B404	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	SEE REF.1 NOTE 1	HAB24I SL2-FSAR TABLE311-1 H390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE SEE QUALIFIED TERMINAL BLCKS CES # 0145									NOTE 1)HOWEVER, CONTAINED EQUIP.
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF.1 NOTE 1	CAB24 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	IS INDIVIDUALLY REVIEWED FOR QUAL. SEISMIC STRUCTURAL ANALYSIS DEMOSTR.
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	NOT APPLICABLE METALLIC ENCLOSURE	RAB24M SL2-FSAR TABLE311-1 R390	NOT APPLICABLE METALLIC ENCLOSURE	COMB. TEST & EXTRA- POL'N	H	NONE	THAT EQUIP.DOES NOT FAIL IN A DETRIMENTAL MANNER.
SPECIFICATIONS: 278J									
P.O #: B404 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF.1 NOTE 1	10CFR50 PARA 50.51	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									AUXSUP
COORDINATES X- 544.0 Y- 1514.0 Z- 3.5	SUBMERGED	-10.0 FT	SEE REF.1 NOTE 1	SAB24M SL2-FSAR TABLE311-1 S390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF: FV0032	PARA-METER	SUPPL. REVIEW BOX	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:BOX
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	BOX							
**********	TEMPERATURE	T BOX							
QUALIF QUALIFIED	PRESSURE	P BOX							
STATUS	REL. HUMDTY	H BOX							
********	CHEM. SPRAY	C BOX	REFERENCES: 1)THIS METAL. BOX(SEIS.QUAL.) PROVIDE OUTER ENCL. ONLY FOR TERM.&MOUNTING OF CLASS 1E ORGANIC MATER.(TB'S,CBLS,ETC.) REV. ON APPROPRIATE CES SHEETS						
*	RADIATION	R BOX							
**********	AGING	BOX							REVISION # :03
PHYS DWG REF: 2998G-390	SUBMERGENCE	S BOX							DATE :08/30/82 3
PHYS DWG LOC:									
MOUNTING : NOT APPLICABLE	SAR ENV CAT: D								SYSTEM :CABLE & RACEWAY
EQ PACK # : BOX	0588 CATEG.: B								TAG :B2191
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0161

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : B2192	OPERABIL-ITY /NORM/TEST /DBA	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: NOT APPLIC.
EQUIPMENT: ELECTRICAL BOX TYPE									ACCEL TEMP: NOT APPLIC.
COMPONENT: TERMINAL BOX	TEMPERAT-URE	85.5F NORM	SEE REF.1 NOTE 1	TAB24I SL2-FSAR TABLE311-1 T390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
		112F1200HR 104FDESIGN							
MANUFACTURER: SEE DWG. B404									MAINTAIN.:
MAJOR SUPPLIER : SEE DWG. B404	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF.1 NOTE 1	PAB24 SL2-FSAR TABLE311-1 P390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND SERIAL # : SEE DWG. B404	RELATIVE HUMIDITY	70.0% NORM	SEE REF.1 NOTE 1	HAB24I SL2-FSAR TABLE311-1 H390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
		72.0%1200H 50% DESIGN							
FUNCT.DES: & SERVICE SEE QUALIFIED TERMINAL BLCKS CES # 0145									NOTE 1)HOWEVER, CONTAINED EQUIP.
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF.1 NOTE 1	CAB24 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	IS INDIVIDUALLY REVIEWED FOR QUAL. SEISMIC STRUCTURAL
ACCUR. SPEC: NOT APPLICABLE									ANALYSIS DEMOSTR. THAT EQUIP.DOES
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	NOT APPLICABLE METALLIC ENCLOSURE	RAB24M SL2-FSAR TABLE311-1 R390	NOT APPLICABLE METALLIC ENCLOSURE	COMB. TEST & EXTRA- POL'N	H	NONE	NOT FAIL IN A DETRIMENTAL MANNER.
SPECIFICATIONS: 278J									
P.O #:B404 CWD # : /	AGE- INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF.1 NOTE 1	10CFR50 PARA 50.51	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									AUXSUP
COORDINATES X- 544.0 Y- 1512.0 Z- 3.5	SUBMERGED	-10.0 FT	SEE REF.1 NOTE 1	SAB24M SL2-FSAR TABLE311-1 S390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0033	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: BOX
QUALIF EXEMPTN: NOT APPLIC									
QUALIF QUALIFIED *STATUS* ********	OPERABILITY	BOX							
	TEMPERATURE	T BOX							
	PRESSURE	P BOX							
	REL. HUMDTY	H BOX							
	CHEM. SPRAY	C BOX							
	RADIATION	R BOX							
	AGING	BOX							
PHYS DWG REF: 2998G-390	SUBMERGENCE	S BOX							
PHYS DWG LOC:			REFERENCES: 1)THIS METAL. BOX(SEIS.QUAL.) PROVIDE OUTER ENCL. ONLY FOR TERM.&MOUNTING OF CLASS 1E ORGANIC MATER.(TB'S,CBLS,ETC.) REV. ON APPROPRIATE CES SHEETS						REVISION # :03 DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : BOX	SAR ENV CAT: D 0588 CATEG.: B APPENDIX E								SYSTEM :CABLE & RACEWAY TAG :B2192

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0162

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : B2194	OPERABIL-ITY /NORM/TEST /DBA	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: NOT APPLIC.
EQUIPMENT: ELECTRICAL BOX TYPE									ACCEL TEMP: NOT APPLIC.
COMPONENT: TERMINAL BOX	TEMPERAT-URE	85.5F NORM	SEE REF.1 NOTE 1	TAB27D SL2-FSAR TABLE311-1 T395	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
		112F1200HR 104FDESIGN							
MANUFACTURER: SEE DWG. B404	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF.1 NOTE 1	PAB27 SL2-FSAR TABLE311-1 P394	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : SEE DWG. B404									SUBCOMPONENTS:
MODEL AND SERIAL # : SEE DWG. B404	RELATIVE HUMIDITY	70.0% NORM	SEE REF.1 NOTE 1	HAB27D SL2-FSAR TABLE311-1 H395	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
		72.0%1200H 43% DESIGN							
FUNCT.DES: & SERVICE SEE QUALIFIED TERMINAL BLCKS CES # 0145	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF.1 NOTE 1	CAB27 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	NOTE 1)HOWEVER, CONTAINED EQUIP. IS INDIVIDUALLY REVIEWED FOR QUAL. SEISMIC STRUCTURAL ANALYSIS DEMOSTR.
ACCUR. SPEC: NOT APPLICABLE									THAT EQUIP.DOES
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	185 6.0E3 12.3E5 4.6E4 13.6E5 6.3E4 13.0E3 3.0E4	NOT APPLICABLE METALLIC ENCLOSURE	RAB27F SL2-FSAR TABLE311-1 R395	NOT APPLICABLE METALLIC ENCLOSURE	COMB. TEST & EXTRA- POL'N	M	NONE	NOT DETRIMENTAL MANNER.
SPECIFICATIONS: 278J									
P.O #: B404 CWD # : /	AGE- INST LIFE (PER 323- 1974 DEF.)	40 YEARS	SEE REF.1 NOTE 1	10CFR50 PARA 50.51	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB27									AUXSUP
COORDINATES X- 581.0 Y- 1566.0 Z- 43.0	SUBMERGED	NO AREA FLOODING	SEE REF.1 NOTE 1	SAB27 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF: FV0034	PARA-METER	SUPPL. REVIEW BOX	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: BOX
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	BOX							
QUALIF QUALIFIED *STATUS*	TEMPERATURE	T BOX							
	PRESSURE	P BOX							
	REL. HUMDTY	H BOX							
	CHEM. SPRAY	C BOX	REFERENCES: 1)THIS METAL. BOX(SEIS.QUAL.) PROVIDE OUTER ENCL. ONLY FOR TERM.&MOUNTING OF CLASS 1E ORGANIC MATER.(TB'S,CBLS,ETC.) REV. ON APPROPRIATE CES SHEETS						
	RADIATION	R BOX							
	AGING	BOX							
	SUBMERGENCE	S BOX							
PHYS DWG REF: 2998G-395	SAR ENV CAT: E								REVISION # :03
PHYS DWG LOC:	0588 CATEG.: B								DATE :08/30/82
MOUNTING : NOT APPLICABLE	APPENDIX E								
EQ PACK # : BOX									SYSTEM :CABLE & RACEWAY
									TAG :B2194

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3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0163

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : B2195	OPERABIL-ITY NORM/TEST DBA	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: NOT APPLIC.
EQUIPMENT: ELECTRICAL BOX TYPE									ACCEL TEMP: NOT APPLIC.
COMPONENT: TERMINAL BOX	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	SEE REF.1 NOTE 1	TAB27D SL2-FSAR TABLE311-1 T395	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: SEE DWG. B404	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF.1 NOTE 1	PAB27 SL2-FSAR TABLE311-1 P394	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : SEE DWG. B404									SUBCOMPONENTS: NO UNIQUE TAGGED
MODEL AND SERIAL # : SEE DWG. B404	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 43% DESIGN	SEE REF.1 NOTE 1	HAB27D SL2-FSAR TABLE311-1 H395	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE SEE QUALIFIED TERMINAL BLCKS CES # 0145									NOTE 1)HOWEVER, CONTAINED EQUIP.
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF.1 NOTE 1	CAB27 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	IS INDIVIDUALLY REVIEWED FOR QUAL. SEISMIC STRUCTURAL ANALYSIS DEMOSTR.
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	185 6.0E3 2.3E5 4.6E4 3.6E5 6.3E4 3.0E3 3.0E4	NOT APPLICABLE METALLIC ENCLOSURE	RAB27F SL2-FSAR TABLE311-1 R395	NOT APPLICABLE METALLIC ENCLOSURE	COMB. TEST & EXTRA- POL'N	M	NONE	THAT EQUIP.DOES NOT FAIL IN A DETRIMENTAL MANNER.
SPECIFICATIONS: 278J									
P.O #: B404 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF.1 NOTE 1	10CFR50 PARA 50.51	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB27									AUXSUP
COORDINATES X- 581.0 Y- 1569.0 Z- 43.0	SUBMERGED	NO AREA FLOODING	SEE REF.1 NOTE 1	SAB27 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF: FV0035	PARA-METER	SUPPL. REVIEW BOX	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: BOX
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY								
QUALIF QUALIFIED *STATUS*	TEMPERATURE	T BOX							
	PRESSURE	P BOX							
	REL. HUMDTY	H BOX							
	CHEM. SPRAY	C BOX	REFERENCES: 1)THIS METAL. BOX(SEIS.QUAL.) PROVIDE OUTER ENCL. ONLY FOR TERM.&MOUNTING OF CLASS 1E ORGANIC MATER.(TB'S,CBLS,ETC.) REV. ON APPROPRIATE CES SHEETS						3
	RADIATION	R BOX							
	AGING	BOX							REVISION # :03
	SUBMERGENCE	S BOX							DATE :08/30/82
PHYS DWG REF: 2998G-395									
PHYS DWG LOC:	SAR ENV CAT: E								SYSTEM :CABLE & RACEWAY
MOUNTING : NOT APPLICABLE	0588 CATEG.: B								
EQ PACK # : BOX	APPENDIX E								TAG :B2195

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0164

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM.	ENV. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM.	DOC. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1		2	3		4	5	6	7	
TAG NO : B2197	OPERABIL-ITY NORM/TEST DBA	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1		SEE REF.1 NOTE 1	SEE REF.1 NOTE 1		COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: NOT APPLIC.
EQUIPMENT: ELECTRICAL BOX TYPE											ACCEL TEMP: NOT APPLIC.
COMPONENT: TERMINAL BOX	TEMPERAT-URE	90.OF NORM	SEE REF.1 NOTE 1		TAB27B SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1		COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
		117F1200HR 109FDESIGN			T395						
MANUFACTURER: SEE DWG. B404											MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : SEE DWG. B404	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF.1 NOTE 1		PAB27 SL2-FSAR TABLE311-1 P394	SEE REF.1 NOTE 1		COMB. TEST & EXTRA- POL'N	M	NONE	SUBCOMPONENTS:
MODEL AND SERIAL # : SEE DWG. B404	RELATIVE HUMIDITY	60.0% NORM	SEE REF.1 NOTE 1		HAB27B SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1		COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
		62.0%1200H 39% DESIGN			H395						
FUNCT.DES: & SERVICE SEE QUALIFIED TERMINAL BLCKS CES # 0145											NOTE 1)HOWEVER, CONTAINED EQUIP.
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF.1 NOTE 1		CAB27 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1		COMB. TEST & EXTRA- POL'N	M	NONE	IS INDIVIDUALLY REVIEWED FOR QUAL. SEISMIC STRUCTURAL
ACCUR. SPEC: NOT APPLICABLE											ANALYSIS DEMOSTR. THAT EQUIP.DOES
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	NOT APPLICABLE METALLIC ENCLOSURE		RAB27L SL2-FSAR TABLE311-1 R395	NOT APPLICABLE METALLIC ENCLOSURE		COMB. TEST & EXTRA- POL'N	H	NONE	NOT FAIL IN A DETRIMENTAL MANNER.
SPECIFICATIONS: 278J											
P.O #: B404 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF.1 NOTE 1		10CFR50 PARA 50.51	SEE REF.1 NOTE 1		COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB27											AUXSUP
COORDINATES X- 549.0 Y- 1528.0 Z- 43.0	SUBMERGED	NO AREA FLOODING	SEE REF.1 NOTE 1		SAB27 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1		COMB. TEST & EXTRA- POL'N	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO											
INSTAL. REF: FV0036	PARA-METER	SUPPL. REVIEW BOX	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #								QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:BOX
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY										
QUALIF QUALIFIED	TEMPERATURE	T BOX									
STATUS	PRESSURE	P BOX									
	REL. HUMDTY	H BOX									
*	CHEM. SPRAY	C BOX			REFERENCES: 1)THIS METAL. BOX(SEIS.QUAL.) PROVIDE OUTER ENCL. ONLY FOR TERM.&MOUNTING OF CLASS 1E ORGANIC MATER.(TB'S,CBLS,ETC.) REV. ON APPROPRIATE CES SHEETS						
	RADIATION	R BOX									
	AGING	BOX									REVISION # :03
PHYS DWG REF: 2998G-395	SUBMERGENCE	S BOX									DATE :08/30/82
PHYS DWG LOC:											
MOUNTING : NOT APPLICABLE	SAR ENV CAT: D										SYSTEM :CABLE & RACEWAY
EQ PACK # : BOX	0588 CATEG.: B										TAG :B2197
	APPENDIX E										

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0165

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : B2198	OPERABIL-ITY NORM/TEST DBA	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: NOT APPLIC.
EQUIPMENT: ELECTRICAL BOX TYPE									ACCEL TEMP: NOT APPLIC.
COMPONENT: TERMINAL BOX	TEMPERAT-URE	90.OF NORM 117F1200HR 109FDESIGN	SEE REF.1 NOTE 1	TAB27B SL2-FSAR TABLE311-1 T395	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: SEE DWG. B404	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF.1 NOTE 1	PAB27 SL2-FSAR TABLE311-1 P394	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : SEE DWG. B404									SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT NOTE 1)HOWEVER,
MODEL AND SERIAL #: SEE DWG. B404	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	SEE REF.1 NOTE 1	HAB27B SL2-FSAR TABLE311-1 H395	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	CONTAINED EQUIP. IS INDIVIDUALLY REVIEWED FOR QUAL. SEISMIC STRUCTURAL ANALYSIS DEMOSTR.
FUNCT.DES: & SERVICE SEE QUALIFIED TERMINAL BLCKS CES # 0145	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF.1 NOTE 1	CAB27 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									THAT EQUIP.DOES NOT FAIL IN A DETRIMENTAL MANNER.
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	NOT APPLICABLE METALLIC ENCLOSURE	RAB27L SL2-FSAR TABLE311-1 R395	NOT APPLICABLE METALLIC ENCLOSURE	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 278J									
P.O #: B404 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF.1 NOTE 1	10CFR50 PARA-50.51	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB27									AUXSUP
COORDINATES X- 559.0 Y- 1530.0 Z- 45.0	SUBMERGED	NO AREA FLOODING	SEE REF.1 NOTE 1	SAB27 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): LTR									
INSTAL. REF: FV0037	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:BOX
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	BOX							
QUALIF QUALIFIED	TEMPERATURE T	BOX							
STATUS	PRESSURE P	BOX							
********	REL. HUMDTY H	BOX							
*	CHEM. SPRAY C	BOX							
	RADIATION R	BOX	REFERENCES: 1)THIS METAL. BOX(SEIS.QUAL.) PROVIDE OUTER ENCL. ONLY FOR TERM.&MOUNTING OF CLASS 1E ORGANIC MATER.(TB'S,CBLS,ETC.) REV. ON APPROPRIATE CES SHEETS						
PHYS DWG REF: 2998G-395	AGING	BOX							REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	SUBMERGENCE S	BOX							
MOUNTING : NOT APPLICABLE									SYSTEM :CABLE & RACEWAY
EQ PACK # : BOX	SAR ENV CAT: D								TAG :B2198
	0588 CATEG.: B								
	APPENDIX E								

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0168

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : B257A	OPERABIL-ITY NORM/TEST DBA	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: NOT APPLIC.
EQUIPMENT: ELECTRICAL BOX TYPE									ACCEL TEMP: NOT APPLIC.
COMPONENT: TERMINAL BOX	TEMPERATURE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	SEE REF.1 NOTE 1	TAB25C SL2-FSAR TABLE311-1 T393	SEE REF.1 NOTE 1	COMB. TEST & EXTRA-POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: SEE DWG. B404									MAINTAIN.:
MAJOR SUPPLIER : SEE DWG. B404	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	SEE REF.1 NOTE 1	PAB25C SL2-FSAR TABLE311-1 P393	SEE REF.1 NOTE 1	COMB. TEST & EXTRA-POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND SERIAL #: SEE DWG. B404	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	SEE REF.1 NOTE 1	HAB25C SL2-FSAR TABLE311-1 H393	SEE REF.1 NOTE 1	COMB. TEST & EXTRA-POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE SEE QUALIFIED TERMINAL BLCKS CES # 0145									NOTE 1)HOWEVER, CONTAINED EQUIP.
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF.1 NOTE 1	CAB25 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA-POL'N	M	NONE	IS INDIVIDUALLY REVIEWED FOR QUAL. SEISMIC STRUCTURAL
ACCUR. SPEC: NOT APPLICABLE									ANALYSIS DEMOSTR. THAT EQUIP.DOES
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 370 1.0E5 30 D 4.0E5 5.2E5 1 YR 6.1E5 7.3E5 40YR/RW 1.0E4 5.0E5	NOT APPLICABLE METALLIC ENCLOSURE	RAB25C SL2-FSAR TABLE311-1 R393	NOT APPLICABLE METALLIC ENCLOSURE	COMB. TEST & EXTRA-POL'N	H	NONE	NOT FAIL IN A DETRIMENTAL MANNER.
SPECIFICATIONS: 278J									
P.O #:B404 CWD # : 0320/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF.1 NOTE 1	10CFR50 PARA 50.51	SEE REF.1 NOTE 1	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB25									AUXSUP
COORDINATES X- 610.0 Y- 1539.0 Z- 20.0	SUBMERGED		SEE REF.1 NOTE 1		SEE REF.1 NOTE 1	COMB. TEST & EXTRA-POL'N	/	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0040	PARA-METER	SUPPL. REVIEW BOX	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:BOX
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	BOX							
QUALIF QUALIFIED *STATUS*	TEMPERATURE	T BOX							
	PRESSURE	P BOX							
	REL. HUMDTY	H BOX							
	CHEM. SPRAY	C BOX	REFERENCES: 1)THIS METAL. BOX(SEIS.QUAL.) PROVIDE OUTER ENCL. ONLY FOR TERM.&MOUNTING OF CLASS 1E ORGANIC MATER.(TB'S,CBLS,ETC.) REV. ON APPROPRIATE CES SHEETS						3
	RADIATION	R BOX							
PHYS DWG REF: 2998G-393	AGING	BOX							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	BOX							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : BOX	SAR ENV CAT: D 0588 CATEG.: B APPENDIX E								SYSTEM :CABLE & RACEWAY TAG :B257A

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0169

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/MI (6)	OUTS ITEMS (7)	
TAG NO : B258A	OPERABIL-ITY /NORM/TEST /DBA	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: NOT APPLIC.
EQUIPMENT: ELECTRICAL BOX TYPE									ACCEL TEMP: NOT APPLIC.
COMPONENT: TERMINAL BOX	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	SEE REF.1 NOTE 1	TRB15 SL2-FSAR TABLE311-1 T365	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: SEE DWG. B404									MAINTAIN.:
MAJOR SUPPLIER : SEE DWG. B404	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	SEE REF.1 NOTE 1	PRB15 SL2-FSAR TABLE311-1 P365	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND SERIAL #: SEE DWG. B404	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	SEE REF.1 NOTE 1	HRB15 SL2-FSAR TABLE311-1 H365	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE SEE QUALIFIED TERMINAL BLCKS CES # 0145									NOTE 1)HOWEVER, CONTAINED EQUIP.
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	SEE REF.1 NOTE 1	CRB15 SL2-FSAR TABLE311-1 C365	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	H	NONE	IS INDIVIDUALLY REVIEWED FOR QUAL.
ACCUR. SPEC: NOT APPLICABLE									SEISMIC STRUCTURAL ANALYSIS DEMOSTR. THAT EQUIP.DOES
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	NOT APPLICABLE METALLIC ENCLOSURE	RRB15B SL2-FSAR TABLE311-1 R365	NOT APPLICABLE METALLIC ENCLOSURE	COMB. TEST & EXTRA- POL'N	H	NONE	NOT FAIL IN A DETRIMENTAL MANNER.
SPECIFICATIONS: 278J									
P.O #: B404 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF.1 NOTE 1	10CFR50 PARA 50.51	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB15									AUXSUP
COORDINATES X- 629.0 Y- 1533.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF.1 NOTE 1	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0041	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:BOX
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	BOX							
QUALIF QUALIFIED	TEMPERATURE	T BOX							
STATUS	PRESSURE	P BOX							
********	REL. HUMDTY	H BOX							
*	CHEM. SPRAY	C BOX	REFERENCES: 1)THIS METAL. BOX(SEIS.QUAL.) PROVIDE OUTER ENCL. ONLY FOR TERM.&MOUNTING OF CLASS 1E ORGANIC MATER.(TB'S,CBLS,ETC.) REV. ON APPROPRIATE CES SHEETS						
**********	RADIATION	R BOX							
PHYS DWG REF: 2998G-365	AGING	BOX							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S BOX							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : BOX	SAR ENV CAT: A 0588 CATEG.: B APPENDIX E								SYSTEM :CABLE & RACEWAY TAG :B258A

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0170

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : B2725	OPERABIL-ITY NORM/TEST	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: NOT APPLIC.
EQUIPMENT: ELECTRICAL BOX TYPE	DBA								ACCEL TEMP: NOT APPLIC.
COMPONENT: TERMINAL BOX	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	SEE REF.1 NOTE 1	TAB27D SL2-FSAR TABLE311-1 T395	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: SEE DWG. B404									MAINTAIN.:
MAJOR SUPPLIER : SEE DWG. B404	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF.1 NOTE 1	PAB27 SL2-FSAR TABLE311-1 P394	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND SERIAL # : SEE DWG. B404	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 43% DESIGN	SEE REF.1 NOTE 1	HAB27D SL2-FSAR TABLE311-1 H395	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE SEE QUALIFIED TERMINAL BLCKS CES # 0145									NOTE 1)HOWEVER, CONTAINED EQUIP.
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF.1 NOTE 1	CAB27 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	IS INDIVIDUALLY REVIEWED FOR QUAL. SEISMIC STRUCTURAL ANALYSIS DEMOSTR.
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	185 6.0E3 12.3E5 4.6E4 13.6E5 6.3E4 13.0E3 3.0E4	NOT APPLICABLE METALLIC ENCLOSURE	RAB27F SL2-FSAR TABLE311-1 R395	NOT APPLICABLE METALLIC ENCLOSURE	COMB. TEST & EXTRA- POL'N	M	NONE	THAT EQUIP.DOES NOT FAIL IN A DETRIMENTAL MANNER.
SPECIFICATIONS: 278J									
P.O #: B404 CWD # : /	AGE- INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF.1 NOTE 1	10CFR50 PARA 50.51	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB27									AUXSUP
COORDINATES X- 571.0 Y- 1565.0 Z- 43.0	SUBMERGED	NO AREA FLOODING	SEE REF.1 NOTE 1	SAB27 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO INSTAL. REF: FV0042 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW BOX	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:BOX
QUALIF QUALIFIED *STATUS*	OPERABILITY	BOX							
	TEMPERATURE	T BOX							
	PRESSURE	P BOX							
	REL. HUMDTY	H BOX							
	CHEM. SPRAY	C BOX							
	RADIATION	R BOX							
	AGING	BOX							
	SUBMERGENCE	S BOX							
PHYS DWG REF: 2998G-395 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : BOX	SAR ENV CAT: E 10588 CATEG.: B APPENDIX E		REFERENCES: 1)THIS METAL. BOX(SEIS.QUAL.) PROVIDE OUTER ENCL. ONLY FOR TERM.&MOUNTING OF CLASS 1E ORGANIC MATER.(TB'S,CBLS,ETC.) REV. ON APPROPRIATE CES SHEETS							REVISION # :03 DATE :08/30/82 SYSTEM :CABLE & RACEWAY TAG :B2725

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0171

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : B2756	OPERABIL-ITY /NORM/TEST /DBA	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: NOT APPLIC.
EQUIPMENT: ELECTRICAL BOX TYPE									ACCEL TEMP: NOT APPLIC.
COMPONENT: TERMINAL BOX	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	SEE REF.1 NOTE 1	TAB24I SL2-FSAR TABLE311-1 T390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER:SEE DWG. B404									MAINTAIN.:
MAJOR SUPPLIER : SEE DWG. B404	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF.1 NOTE 1	PAB24 SL2-FSAR TABLE311-1 P390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND SERIAL # : SEE DWG. B404	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	SEE REF.1 NOTE 1	HAB24I SL2-FSAR TABLE311-1 H390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE SEE QUALIFIED TERMINAL BLCKS CES # 0145	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF.1 NOTE 1	CAB24 SL2-FSAR TABLE311-1	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	NOTE 1)HOWEVER, CONTAINED EQUIP. IS INDIVIDUALLY REVIEWED FOR QUAL. SEISMIC STRUCTURAL ANALYSIS DEMOSTR.
ACCUR. SPEC: NOT APPLICABLE									THAT EQUIP.DOES
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	NOT APPLICABLE METALLIC ENCLOSURE	RAB24M SL2-FSAR TABLE311-1 R390	NOT APPLICABLE METALLIC ENCLOSURE	COMB. TEST & EXTRA- POL'N	H	NONE	NOT FAIL IN A DETRIMENTAL MANNER.
SPECIFICATIONS:278J									
P.O #:B404 CWD # : 0536/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF.1 NOTE 1	10CFR50 PARA 50.51	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									AUXSUP
COORDINATES X- 544.0 Y- 1463.0 Z- 5.0	SUBMERGED	-10.0 FT	SEE REF.1 NOTE 1	SAB24M SL2-FSAR TABLE311-1 S390	SEE REF.1 NOTE 1	COMB. TEST & EXTRA- POL'N	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF:FV0043									
QUALIF EXEMPTN: NOT APPLIC									

PARA-METER	SUPPL. REVIEW
OPERABILITY	BOX
TEMPERATURE	T BOX
PRESSURE	P BOX
REL. HUMDTY	H BOX
CHEM. SPRAY	C BOX
RADIATION	R BOX
AGING	BOX
SUBMERGENCE	S BOX

QUALIF QUALIFIED
STATUS
****

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : BOX

SAR ENV CAT: D
10588 CATEG.: B
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)THIS METAL. BOX(SEIS.QUAL.) PROVIDE OUTER ENCL. ONLY FOR TERM.&MOUNTING OF CLASS 1E ORGANIC MATER.(TB'S,CBLS,ETC.) REV. ON APPROPRIATE CES SHEETS

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:BOX

REVISION # :03
DATE :08/30/82

SYSTEM :CABLE & RACEWAY
TAG :B2756

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0180

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : CHGG P 2A	OPERABILITY NORM/TEST	NORM &TEST <200000HRS POST DBA 8 DAYS	NORM &TEST >200000HRS POST DBA >30 DAYS	SL2 FSAR TAB 3.11-2 OPER RVIEW	REF 1,3	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: SEE NOTE 1
EQUIPMENT: MOTORS	DBA								ACCEL TEMP: SEE NOTE 1
TYPE	TEMPERATURE	89.5F NORM 119F NO AC 116F1200HR 108FDESIGN	104F NORM 120F1200HR	TAB24B SL2-FSAR TABLE311-1 T391	REF 1,3	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: INSTR MAN
COMPONENT: PUMP MOTOR									
MANUFACTURER:WESTINGHOUSE	PRESSURE	ATMOS NORM 0 PSIG (ACC. DBA)	ATMOS NORM AND DBA	PAB24B SL2-FSAR TABLE311-1 P391	REF 1,3	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: SCHED INSTR MAN SUBCOMPONENTS:
MAJOR : UNION SUPPLIER PUMP									
MODEL AND: 384D787/7504-1 SERIAL #	RELATIVE HUMIDITY	62.0% NORM 63.0%1200H 39% DESIGN	100% NORM 100%1200HR	HAB24B SL2-FSAR TABLE311-1 H391	REF 1,3	COMB. TEST & EXTRA- POL'N	/	NONE	****REFS.:******* 1)CALCULATIONS AND ANALYSIS INDICATES MOTOR DESIGN CAPABILITY ENVELOPES
FUNCT.DES: CHARGING PUMP & SERVICE 2A;CVCS MAKEUP									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	MAXIMUM SL2 REQUIREMENTS. 2)MANUFACTURER'S GENERIC TEST PGM ENVELOPES SL2 REQUIREMENTS.
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	170 5.0E4 12.0E5 2.6E5 12.9E5 3.7E5 15.0E4 2.5E5	2E8 RADS TOTAL INTEGRATED DOSE	RAB24N SL2-FSAR TABLE311-1 R391	WEST RPRT W CAP 7829	COMB. TEST & EXTRA- POL'N	H	NONE	3)UNION PMP/MOTOR TESTING,IEEE275, IEEE101,IEEE117, NEMA MG1-12.42.
SPECIFICATIONS:PE-403									
P.O #:CE 16 CWD # : 0177/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	REF 1,3	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24									SD
COORDINATES X- 552.0 Y- 1553.0 Z- 1.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: MRL
INSTALLED (Y/N): YES									
INSTAL. REF:FV0047	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:4.6
QUALIF EXEMPTN: NOT APPLICA.	OPERABILITY	4.6							
**********	TEMPERATURE	T 4.6							
QUALIF QUALIFIED	PRESSURE	P 4.6							
STATUS	REL. HUMDTY	H 4.6							
********	CHEM. SPRAY	C 4.6							
*	RADIATION	R 4.6	REFERENCES: FOR REF,SEE "SUBCOMPONENTS"						
**********	AGING	4.6							
PHYS DWG REF: 2998G-391	SUBMERGENCE	S 4.6							REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : N/A	SAR ENV CAT: D								SYSTEM :CHEMICAL&VOL CONTROL
EQ PACK # : 4.6	0588 CATEG.: A								TAG :CHGG P 2A
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0181

EQUIPMENT DESCRIPTION		ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
			1	2	3	4	5	6	7	
TAG NO :	CHGG P 2A PB	OPERABIL-ITY	40 YEARS + TEST + 180 DAYS POST	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: TYPE	CONTROL DEVICES	NORM/TEST DBA	DBA							ACCEL TEMP: REF 1
COMPONENT:	LOCAL CNTRL STATION	TEMPERAT-URE	89.5F NORM 119F NO AC 116F1200HR 108FDESIGN	REF 1	TAB24B SL2-FSAR TABLE311-1 T391	REF 1	COMB. TEST & EXTRA-POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER:	BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM 0 PSIG (ACC. DBA)	REF 1	PAB24B SL2-FSAR TABLE311-1 P391	REF 1	COMB. TEST & EXTRA-POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER :	NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # :	B/M C10-2A	RELATIVE HUMIDITY	62.0% NORM 63.0%1200H 39% DESIGN	REF 1	HAB24B SL2-FSAR TABLE311-1. H391	REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE	LCL CONTROL OF TAG INDICATED	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB24 SL2-FSAR TABLE311-1	REF 1	NOT APPLICABLE	M	NONE	
ACCUR. SPEC:	NOT APPLICABLE									
ACCUR. DEM.:	NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	170 5.0E4 2.0E5 2.6E5 2.9E5 3.7E5 5.0E4 2.5E5	REF 1	RAB24N SL2-FSAR TABLE311-1 R391	REF 1	COMB. TEST & EXTRA-POL'N	H	NONE
SPECIFICATIONS:	324									
P.O #:	422589 CWD # : 0177/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.:	AB24									
COORDINATES X-	550.0	SUBMERGED	NO	REF 1	SAB24 SL2-FSAR TABLE311-1	REF 1	NOT APPLICABLE	M	NONE	
Y-	1562.0		AREA FLOODING							AUTH. REFERENCE: MRL
Z-	4.0									
INSTALLED (Y/N):	YES									
INSTAL. REF:	FV0048									
QUALIF EXEMPTN:	NOT EXEMPT									

PARAMETER	SUPPL. REVIEW
OPERABILITY	55.1
TEMPERATURE T	55.1
PRESSURE P	55.1
REL. HUMDTY H	55.1
CHEM. SPRAY C	55.1
RADIATION R	55.1
AGING	55.1
SUBMERGENCE S	55.1

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-391
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 55.1

SAR ENV CAT: D
0588 CATEG.: B
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1

REVISION # :03
DATE :08/30/82

SYSTEM :CHEMICAL&VOL CONTROL
TAG :CHGG P 2A PB

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0182

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : CHGG P 2B	OPERABIL-ITY	NORM &TEST <200000HRS POST DBE	NORM &TEST >200000HRS POST DBE	SL2 FSAR TAB 3.11-2 OPER RVIEW		COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: SEE NOTE 1
NORM/TEST DBA		8 DAYS	>30 DAYS		REF 1,3				ACCEL TEMP: SEE NOTE 1
EQUIPMENT: MOTORS TYPE	TEMPERAT-URE	89.5F NORM 119F NO AC 116F1200HR 108FDESIGN	104F NORM 120F1200HR	TAB24B SL2-FSAR TABLE311-1 T391	REF 1,3	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: INSTR MAN
COMPONENT: PUMP MOTOR									
MANUFACTURER:WESTINGHOUSE	PRESSURE	ATMOS NORM O PSIG (ACC. DBA)	ATMOS NORM AND DBA	PAB24B SL2-FSAR TABLE311-1 P391	REF 1,3	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: SCHED INSTR MAN SUBCOMPONENTS:
MAJOR : UNION SUPPLIER PUMP									
MODEL AND: 384D787 SERIAL #	RELATIVE HUMIDITY	62.0% NORM 63.0%1200H 39% DESIGN	100% NORM 100%1200HR	HAB24B SL2-FSAR TABLE311-1 H391	REF 1,3	COMB. TEST & EXTRA- POL'N	/	NONE	****REFS.:******* 1)CALCULATIONS AND ANALYSIS INDICATES MOTOR DESIGN CAPA-BILITY ENVELOPES
FUNCT.DES: CHARGING PUMP & SERVICE 2B									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	MAXIMUM SL2 RE-QUIREMENTS. 2)MANUFACTURER'S GENERIC TEST PGM ENVELOPES SL2 RE-QUIREMENTS.
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	170 5.0E4 2.0E5 2.6E5 2.9E5 3.7E5 5.0E4 2.5E5	2E8 RADS TOTAL INTEGRATED DOSE	RAB24N SL2-FSAR TABLE311-1 R391	WEST RPRT W CAP 7829	COMB. TEST & EXTRA- POL'N	H	NONE	3)UNION PMP/MOTOR TESTING,IEEE275, IEEE101,IEEE117, NEMA MG1-12.42.
SPECIFICATIONS:PE-403									
P.O #:CE 16 CWD # : 0178/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	REF 1,3	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24									
COORDINATES X- 562.0 Y- 1550.0 Z- 1.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	SD AUTH. REFERENCE: MRL
INSTALLED (Y/N): YES									
INSTAL. REF:FV0049									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER		SUPPL. REVIEW
OPERABILITY		4.6
TEMPERATURE	T	4.6
PRESSURE	P	4.6
REL. HUMDTY	H	4.6
CHEM. SPRAY	C	4.6
RADIATION	R	4.6
AGING		4.6
SUBMERGENCE	S	4.6

QUALIF QUALIFIED
STATUS

PHYS DWG REF: 2998G-391
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 4.6

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: FOR REF.SEE "SUBCOMPONENTS"

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:4.6

REVISION # :03
DATE :08/30/82

SYSTEM :CHEMICAL&VOL CONTROL
TAG :CHGG P 2B

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0183

EQUIPMENT DESCRIPTION		ENVIRONMENT PARAMETER	ACTUAL	DEM.	QUALIF.	DOCUMENTATION ACTUAL	DEM.	QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO :	CHGG P 2B PB	OPERABIL-ITY NORM/TEST	40 YEARS + TEST + 180 DAYS POST DBA	REF 1		FSAR TABLE 3.11-2	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: TYPE	CONTROL DEVICES		DBA									ACCEL TEMP:
		TEMPERAT-URE	89.5F NORM			TAB24B			COMB.	M	NONE	REF 1 .
COMPONENT:	LOCAL CNTRL STATION		119F NO AC	REF 1		SL2-FSAR	REF 1		TEST &			REPLACEMENT:
			116F 1200HR			TABLE311-1			EXTRA-			REF 1
			108F DESIGN			T391			POL'N			
MANUFACTURER:	BROWN-BOVERI ELECTRIC											MAINTAIN.:
		PRESSURE	ATMOS NORM			PAB24B			COMB.	M	NONE	REF 1
			0 PSIG	REF 1		SL2-FSAR	REF 1		TEST &			
MAJOR SUPPLIER :	NOT APPLICABLE		(ACC. DBA)			TABLE311-1			EXTRA-			SUBCOMPONENTS:
						P391			POL'N			
MODEL AND: SERIAL #	B/M C10-2A											NOTE1:RECENTLY REV
		RELATIVE HUMIDITY	62.0% NORM			HAB24B			COMB.	/	NONE	ISED MSLB TRANSNT
				REF 1		SL2-FSAR	REF 1		TEST &			OUTSIDE CONT.,FIGS
			63.0% 1200H			TABLE311-1			EXTRA-			C-1A,B,C,D OF REPT
FUNCT.DES: & SERVICE	LCL CONTROL OF TAG INDICATED		39% DESIGN			H391			POL'N			REQ. REANLYSIS TO
												DEMONST. EQUIP. RE
		CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL	REF 1		CAB24 SL2-FSAR TABLE311-1	REF 1		NOT APPLIC ABLE	M	NONE	MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO
ACCUR. SPEC:	NOT APPLICABLE		SPRAY									VENDOR. 3.LOCAL
												CNTRL OF MOTORS &
		R 2 HR	170 5.0E4			RAB24N			COMB.	H	NONE	MOV'S PRIMARILY
ACCUR. DEM.:	NOT APPLICABLE	A 30 D	2.0E5 2.6E5	REF 1		SL2-FSAR	REF 1		TEST &			FOR MAIN. & TEST.
		D 1 YR	2.9E5 3.7E5			TABLE311-1			EXTRA-			
		. 40YR/RW	5.0E4 2.5E5			R391			POL'N			
SPECIFICATIONS:	324											
		AGE- INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1		10CFR50 PARA 50.51	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
P.O #:	422589 CWD # : 0178/											
PLANT LOC.:	AB24											
COORDINATES	X- 565.0	SUBMERGED	NO			SAB24			NOT	M	NONE	
	Y- 1562.0		AREA FLOODING	REF 1		SL2-FSAR TABLE311-1	REF 1		APPLIC ABLE			
	Z- 4.0											AUTH. REFERENCE: MRL
INSTALLED (Y/N):	YES											
INSTAL. REF:	FV0050											
QUALIF EXEMPTN:	NOT EXEMPT											

PARAMETER	SUPPL. REVIEW
OPERABILITY	55.1
TEMPERATURE T	55.1
PRESSURE P	55.1
REL. HUMDTY H	55.1
CHEM. SPRAY C	55.1
RADIATION R	55.1
AGING	55.1
SUBMERGENCE S	55.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1

QUALIF RETEST *STATUS*	
PHYS DWG REF:	2998G-391
PHYS DWG LOC:	
MOUNTING :	NOT APPLICABLE
EQ PACK # :	55.1
SAR ENV CAT:	D
0588 CATEG.:	B
APPENDIX E	
REVISION # :	03
DATE :	08/30/82
SYSTEM :	CHEMICAL&VOL CONTROL
TAG :	CHGG P 2B PB

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0184

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : CHGG P 2C	OPERABIL-ITY	NORM &TEST <200000HRS POST DBA	NORM &TEST >200000HRS POST DBA	SL2 FSAR TABLE3112B OPER RVIEW	REF 1,3	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: SEE NOTE 1
EQUIPMENT: MOTORS	NORM/TEST DBA	8 DAYS	>30 DAYS						ACCEL TEMP:
TYPE									SEE NOTE 1
COMPONENT: PUMP MOTOR	TEMPERAT-URE	89.5F NORM 119F NO AC 116F1200HR 108FDESIGN	104F NORM 120F1200HR	TAB24B SL2-FSAR TABLE311-1 T391	REF 1,3	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: INSTR MAN
MANUFACTURER: WESTINGHOUSE									MAINTAIN.:
MAJOR : UNION	PRESSURE	ATMOS NORM 0 PSIG (ACC. DBA)	ATMOS NORM AND DBA	PAB24B SL2-FSAR TABLE311-1 P391	REF 1,3	COMB. TEST & EXTRA- POL'N	M	NONE	SCHED INSTR MAN
SUPPLIER PUMP									SUBCOMPONENTS:
MODEL AND: 384D787/7504-2	RELATIVE HUMIDITY	62.0% NORM	100% NORM	HAB24B SL2-FSAR TABLE311-1 H391	REF 1,3	COMB. TEST & EXTRA- POL'N	/	NONE	****REFS.:******* 1)CALCULATIONS AND ANALYSIS INDICATES
SERIAL #		63.0%1200H	100%1200HR						MOTOR DESIGN CAPA-
FUNCT.DES: CHARGING PUMP		39% DESIGN							BILITY ENVELOPES
& SERVICE 2C	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	MAXIMUM SL2 RE- QUIREMENTS. 2)MANUFACTURER'S GENERIC TEST PGM
ACCUR. SPEC: NOT APPLICABLE									ENVELOPES SL2 RE- QUIREMENTS.
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 170 5.0E4 30 D 2.0E5 2.6E5 1 YR 2.9E5 3.7E5 40YR/RW 5.0E4 2.5E5	2E8 RADS TOTAL INTEGRATED DOSE	RAB24N SL2-FSAR TABLE311-1 R391	WEST RPRT W CAP 7829	COMB. TEST & EXTRA- POL'N	H	NONE	3)UNION PMP/MOTOR TESTING, IEEE275, IEEE101, IEEE117, NEMA MG1-12.42.
SPECIFICATIONS: PE-403									
P.O #: CE 16 CWD # : 0179/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	REF 1,3	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24									
COORDINATES X- 580.0 Y- 1553.0 Z- 1.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	SD AUTH. REFERENCE: MRL
INSTALLED (Y/N): YES									
INSTAL. REF: FV0051	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION
QUALIF EXEMPTN: NOT APPLIC									PACKAGE: 4.6
**********	OPERABILITY	4.6							
QUALIF QUALIFIED	TEMPERATURE T	4.6							
STATUS	PRESSURE P	4.6							
********	REL. HUMDTY H	4.6							
*	CHEM. SPRAY C	4.6	REFERENCES: *****FOR REFS SEE SUBCOMP.****						
**********	RADIATION R	4.6							
PHYS DWG REF: 2998G-391	AGING	4.6							REVISION # : 03
PHYS DWG LOC:	SUBMERGENCE S	4.6							DATE : 08/30/82
MOUNTING : N/A									
EQ PACK # : 4.6	SAR ENV CAT: D								SYSTEM : CHEMICAL&VOL CONTROL
	0588 CATEG.: A								TAG : CHGG P 2C
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0185

EQUIPMENT DESCRIPTION		ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
			1	2	3	4	5	6	7	
TAG NO :	CHGG P 2C PB	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: TYPE	CONTROL DEVICES									ACCEL TEMP: REF 1
COMPONENT:	LOCAL CNTRL STATION	TEMPERAT-URE	89.5F NORM 119F NO AC 116F1200HR 108FDESIGN	REF 1	TAB24B SL2-FSAR TABLE311-1 T391	REF 1	COMB. TEST & EXTRA- POL'N	M	THERM LAG ANAL	REPLACEMENT: REF 1
MANUFACTURER:	BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM 0 PSIG (ACC. DBA)	REF 1	PAB24B SL2-FSAR TABLE311-1 P391	REF 1	COMB. TEST & EXTRA- POL'N	M	THERM LAG ANAL	MAINTAIN.: REF 1
MAJOR SUPPLIER :	NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND: SERIAL #	B/M C10-2A	RELATIVE HUMIDITY	62.0% NORM 63.0%1200H 39% DESIGN	REF 1	HAB24B SL2-FSAR TABLE311-1 H391	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE	LCL CONTROL OF TAG INDICATED									
ACCUR. SPEC:	NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB24 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	
ACCUR. DEM.:	NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	170 5.0E4 2.0E5 2.6E5 2.9E5 3.7E5 5.0E4 2.5E5	REF 1	RAB24N SL2-FSAR TABLE311-1 R391	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:	324									
P.O #:	422589 CWD # : 0179/	AGE-INST LIFE /(PER 323-1974 DEF.)	40 YRS	REF 1	MINIMUM LIFEGOAL	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.:	AB24									
COORDINATES X-	578.0	SUBMERGED	NO		SAB24		NOT	M	NONE	
Y-	1562.0		AREA FLOODING	REF 1	SL2-FSAR TABLE311-1 S	REF 1	APPLIC ABLE			AUTH. REFERENCE: MRL
Z-	4.0									
INSTALLED (Y/N):	YES									
INSTAL. REF:	FV0052									
QUALIF EXEMPTN:	NOT EXEMPT									

PARAMETER	SUPPL. REVIEW
OPERABILITY	55.1
TEMPERATURE T	55.1
PRESSURE P	55.1
REL. HUMDTY H	55.1
CHEM. SPRAY C	55.1
RADIATION R	55.1
AGING	55.1
SUBMERGENCE S	55.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1

QUALIF RETEST
STATUS
****

PHYS DWG REF: 2998G-391
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 95.1

SAR ENV CAT: D
10588 CATEG.: B
APPENDIX E

REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982

REVISION # :03
DATE :08/30/82

SYSTEM :CHEMICAL&VOL CONTROL
TAG :CHGG P 2C PB

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0342

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : CSP 2A	OPERABILITY	<1000 HRS PLUS 180 DAYS POST DBA	>5000 HRS. PLUS >200 DAYS POST DBA	FSAR TABLE 3.11-2 PLUS OPER. REVIEW	SIEMENS-ALLIS REPORT NQ890301 P.17,REF.2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 18 DAYS
EQUIPMENT: MOTORS TYPE	NORM/TEST DBA								ACCEL TEMP: 180C
COMPONENT: PUMP MOTOR	TEMPERATURE	85.5F NORM 112F1200HR 104FDESIGN	122F CONTINUOUS	TAB24I SL2-FSAR TABLE311-1 T390	S-A REPORT NQ890301 PAGE 2 REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: SEE PG.15 S-A REPORT
MANUFACTURER: SIEMENS-ALLIS									MAINTAIN.:
MAJOR SUPPLIER : INGERSOLL-RAND	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM 0 PSIG (ACC DBA)	PAB24 SL2-FSAR TABLE311-1 P390	S-A REPORT NQ890301 PAGE 3 REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	ATTEMPT. EXT OF BEAR.LIFE SUBCOMPONENTS:
MODEL AND SERIAL # : EL85117-90301-1	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	20%-100%	HAB24I SL2-FSAR TABLE311-1 H390	S-A REPORT NQ890301 PAGE 3 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	ENVELOPED IN REPT. 1.MOTOR IS ESSENTIALLY IN STANDBY MODE OTHER THAN TST PER TECH.SPECS. MOTR AUTO. INITIATED ON CSAS SIGNALS. 2.MOTOR LOCATED IN DOORS,HOWEVER ENCLOSURE IS OUTDOOR TYPE WPI. PUMP IS A SME CODE CLASS PER FSAR TABLE 3.9-8. 3
FUNCT.DES: CONTAINMENT & SERVICE HEAT REMVL	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLI- CABLE	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.0E8 RADS TOTAL INTEGRATED DOSE	RAB24M SL2-FSAR TABLE311-1 R390	S-A REPORT NQ890301 PG.4 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 126									
P.O #: 422527 CWD # : 0287/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	S-A REPORT NQ890301 PG. 17 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB24									
COORDINATES X- 580.0 Y- 1492.0 Z- -1.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	NOT APPLI- CABLE	M	NONE	AUTH. REFERENCE: LPG
INSTALLED (Y/N): YES									
INSTAL. REF: FV0053	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 4.2
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	4.2							
QUALIF QUALIFIED	TEMPERATURE T	4.2							
STATUS	PRESSURE P	4.2							
********	REL. HUMDTY H	4.2							
*	CHEM. SPRAY C	4.2	REFERENCES: 1.SL2 FSAR PARA 6.2.2.2.1 FOR DESIGN BASIS,2.IEEE323-74,334-74,117-74.NEMA MG-1 USED FOR QUAL.,3.EBASCO LTR SL2-EQ-81-1 1-71 REQ.MINOR VNDR CLARIF.						
	RADIATION R	4.2							
PHYS DWG REF: 2998G-390	AGING	4.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	4.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 4.2	SAR ENV CAT: D								SYSTEM :CONTAINMENT SPRAY
	0588 CATEG.: A								TAG :CSP 2A
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0343

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : CSP 2A PB	OPERABIL-ITY	40 YEARS + TEST + 180 DAYS POST	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES	NORM/TEST DBA	DBA					.		ACCEL TEMP: REF 1
TYPE									
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	REF 1	TAB24I SL2-FSAR TABLE311-1 T390	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1	PAB24 SL2-FSAR TABLE311-1 P390	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C8-5	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	REF 1	HAB24I SL2-FSAR TABLE311-1 H390	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED									DEMONST. EQUIP. RE
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB24 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL
ACCUR. SPEC: NOT APPLICABLE									CNTRL OF MOTORS &
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	REF 1	RAB24M SL2-FSAR TABLE311-1 R390	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MOV'S PRIMARILY FOR MAIN. & TEST.
SPECIFICATIONS:324									
P.O #:422589 CWD # : 0287/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA. 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24									
COORDINATES X- 584.0 Y- 1501.0 Z- 5.0	SUBMERGED	-10.0 FT	REF 1	SAB24M SL2-FSAR TABLE311-1 S390	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF:FV0638	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1							
QUALIF RETEST *STATUS*	TEMPERATURE	T 55.1							
	PRESSURE	P 55.1							
	REL. HUMDTY	H 55.1							
	CHEM. SPRAY	C 55.1							
	RADIATION	R 55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
	AGING	55.1							
	SUBMERGENCE	S 55.1							
PHYS DWG REF: 2998G-390	SAR ENV CAT: D								REVISION # :03
PHYS DWG LOC:	0588 CATEG.: B								DATE :08/30/82
MOUNTING : NOT APPLICABLE	APPENDIX E								SYSTEM :CONTAINMENT SPRAY
EQ PACK # : 55.1									TAG :CSP 2A PB

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0344

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : CSP 2B	OPERABIL-ITY NORM/TEST	<1000 HRS PLUS 180 DAYS POST DBA	>5000 HRS. PLUS >200 DAYS POST DBA	FSAR TABLE 3.11-2 PLUS OPER. REVIEW	SIEMENS-ALLIS LIS REPORT INQ890301 P.17,REF.2	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: 18 DAYS
EQUIPMENT: MOTORS TYPE									ACCEL TEMP: 180C
COMPONENT: PUMP MOTOR	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	122F CONTINUOUS	TAB24I SL2-FSAR TABLE311-1 T390	S-A REPORT INQ890301 PAGE 2 REF 2	COMB. TEST & EXTRA-POL'N	M	NONE	REPLACEMENT: SEE PG.15 S-A REPORT
MANUFACTURER: SIEMENS-ALLIS									MAINTAIN.:
MAJOR : INGERSOLL-RAND SUPPLIER	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM 0 PSIG (ACC DBA)	PAB24 SL2-FSAR TABLE311-1 P390	S-A REPORT INQ890301 PAGE 3 REF 2	COMB. TEST & EXTRA-POL'N	M	NONE	ATTEMPT. EXT OF BEAR.LIFE SUBCOMPONENTS:
MODEL AND: EL85117-90301-1 SERIAL #	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	20%-100%	HAB24I SL2-FSAR TABLE311-1 H390	S-A REPORT INQ890301 PAGE 3 REF 2	COMB. TEST & EXTRA-POL'N	/	NONE	ENVELOPED IN REPT. 1.MOTOR IS ESSENT IALLY IN STANDBY M ODE OTHER THAN TST PER TECH.SPECS. MO TR AUTO. INITIATED ON CSAS SIGNALS. 2.MOTOR LOCATED IN DOORS,HOWEVER ENCL OSURE IS OUTDOOR T YPE WPI. PUMP IS A SME CODE CLASS PER FSAR TABLE 3.9-8.
FUNCT.DES: CONTAINMENT & SERVICE HEAT REMVL	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLI-CABLE	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 12.8E5 2.2E5 14.2E5 3.1E5 11.0E4 2.0E5	12.0E8 RADS TOTAL INTEGRATED DOSE	RAB24M SL2-FSAR TABLE311-1 R390	S-A REPORT INQ890301 PG.4 REF 2	COMB. TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS: 126									
P.O #:422527 CWD # : 0290/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	S-A REPORT INQ890301 PG. 17 REF 2	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									ESF
COORDINATES X- 555.0 Y- 1492.0 Z- -1.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	NOT APPLI-CABLE	M	NONE	AUTH. REFERENCE: LPG
INSTALLED (Y/N): YES									
INSTAL. REF: FV0054									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	4.2
TEMPERATURE T	4.2
PRESSURE P	4.2
REL. HUMDTY H	4.2
CHEM. SPRAY C	4.2
RADIATION R	4.2
AGING	4.2
SUBMERGENCE S	4.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:4.2

QUALIF QUALIFIED
STATUS
****

REFERENCES: 1.SL2 FSAR PARA 6.2.2.2.1 FOR DESIGN BASIS,2.IEEE323-74,334-74,117-74.NEMA MG-1 USED FOR QUAL.,3.EBASCO LTR SL2-EQ-81-1 1-71 REQ.MINOR VNDR CLARIF.

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 4.2

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

REVISION # :03
DATE :08/30/82

SYSTEM :CONTAINMENT SPRAY
TAG :CSP 2B

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0345

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : CSP 2B PB	OPERABIL-ITY	40 YEARS + TEST + 180 DAYS POST	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE	NORM/TEST DBA	DBA					.		ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	REF 1	TAB24I SL2-FSAR TABLE311-1 T390	REF 1	COMB. TEST & EXTRA-POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1	PAB24 SL2-FSAR TABLE311-1 P390	REF 1	COMB. TEST & EXTRA-POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C10-4B	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	REF 1	HAB24I SL2-FSAR TABLE311-1 H390	REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. RE
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB24 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS &
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	REF 1	RAB24M SL2-FSAR TABLE311-1 R390	REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	MOV'S PRIMARILY FOR MAIN. & TEST.
SPECIFICATIONS:324									
P.O #:422589 CWD # : 0290/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24									
COORDINATES X- 569.0 Y- 1500.0 Z- 7.0	SUBMERGED	-10.0 FT	REF 1	SAB24M SL2-FSAR TABLE311-1 S390	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF:FV0055	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1							
QUALIF RETEST *STATUS*	TEMPERATURE	T 55.1							
	PRESSURE	P 55.1							
	REL. HUMDTY	H 55.1							
	CHEM. SPRAY	C 55.1							
	RADIATION	R 55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
PHYS DWG REF: 2998G-390	AGING	55.1							
PHYS DWG LOC:	SUBMERGENCE	S 55.1							REVISION # :03
MOUNTING : NOT APPLICABLE									DATE :08/30/82
EQ PACK # : 55.1	SAR ENV CAT: D								SYSTEM :CONTAINMENT SPRAY
	0588 CATEG.: B								TAG :CSP 2B PB
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0348

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : D-1	OPERABIL-ITY	<1000 CYCL	2 HOURS	FSAR TABLE	ITT GC RPT	COMB.	/	NONE	ACCEL TIME:
			+100 DAYS	3.11-2	721.81.137	TEST &			100 DAYS
EQUIPMENT: DAMPERS & LOUVE	NORM/TEST	< 1 MIN	POST DBA		PAGE 11	EXTRA-			
TYPE RS	DBA	POST DBA	7400 CYCLS			POL'N			ACCEL TEMP:
	TEMPERAT-URE	85.5F NORM	185F NORM	TAB24I	ITT GC RPT	COMB.	M	NONE	185F
COMPONENT: DAMPER OPERATOR				SL2-FSAR	721.81.137	TEST &			
		112F1200HR	122F 30DYS	TABLE311-1	PAGE 11	EXTRA-			REPLACEMENT:
		104FDESIGN	150F 100DY	T390		POL'N			SEE [REF 1]
									SEE NOTE 1
MANUFACTURER: ITT GENERAL CON TROLS	PRESSURE	ATMOS NORM	ATMOS NORM	PAB24	MCC POWER	COMB.	M	NONE	MAINTAIN.:
		OPSIG	0 PSIG	SL2-FSAR	REPT#377-	TEST &			SEE [REF 1]
MAJOR : AMERICAN		(ACC. DBA)	(ACC. DBA)	TABLE311-1	80.010	EXTRA-			SEE NOTE 1
SUPPLIER WARMING				P390	PG 38	POL'N			SUBCOMPONENTS:
									NO UNIQUE TAGGED
MODEL AND: NH-90 SERIES/	RELATIVE HUMIDITY	70.0% NORM	95% FOR	HAB24I	ITT GC RPT	COMB.	/	NONE	SUBCOMPONENTS ARE
SERIAL # NH-95			100 DAYS	SL2-FSAR	721.81.137	TEST &			ENVELOPED BY THIS
		72.0%1200H	90% FOR 30	TABLE311-1	PAGE 11	EXTRA-			COMPONENT.
FUNCT.DES: AIR SUPPLY DAM		50% DESIGN	DAYS DBA	H390		POL'N			NOTE 1:MAINTENANCE
& SERVICE PERS TO ECCS									& REPLACEMENT
PUMP ROOM A	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT AP PLICAB LE	M	NONE	SCHEDULES CAN BE EXTENDED AS PER CONVERSATIONS WITH ACTUATORS
ACCUR. SPEC: NOT APPLICABLE									COMPONENTS' MANU-
	R 2 HR	240 4.0E4	>10.6 RADS	RAB24M	ITT GC RPT	COMB.	H	NONE	FACTURERS. 3
ACCUR. DEM.: NOT APPLICABLE	A 30 D	2.8E5 2.2E5	TOTAL	SL2-FSAR	721.81.137	TEST &			
	D 1 YR	4.2E5 3.1E5	INTEGRATED	TABLE311-1	PAGE 21,14	EXTRA-			
	. 40YR/RW	1.0E4 2.0E5	DOSE	R390		POL'N			
SPECIFICATIONS:780E									
	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YRS	10CFR50 PARA 50.51	ITT GC RPT 721.81.137 PAGE 18 & EBASCO RVW	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
P.O #:422617 CWD # : 0465/									ESF
PLANT LOC.: AB24									
COORDINATES X- 581.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT AP PLICAB LE	M	NONE	
Y- 1486.0									
Z- 5.0				S390					AUTH. REFERENCE:
									7.3-2
INSTALLED (Y/N): LTR									
INSTAL. REF:BY-FLD	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION
QUALIF EXEMPTN: NOT EXEMPT									PACKAGE:42.1
**********	OPERABILITY	42.1							
QUALIF QUALIFIED	TEMPERATURE T	42.1							
STATUS	PRESSURE P	42.1							
********	REL. HUMDTY H	42.1							
*	CHEM. SPRAY C	42.1	REFERENCES: 1)ITT GC REPORT NO.721.81.137 DATED 6/81						
**********	RADIATION R	42.1							
PHYS DWG REF: 2998G-390	AGING	42.1	2)MCC POWERS RPT#377-80.010RO						REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	42.1	3)EPRI NP-1558						DATE :08/30/82
MOUNTING : NOT APPLICABLE			4)IEEE323-74,IEEE101-72,382-72						
EQ PACK # : 42.1	SAR ENV CAT: D								SYSTEM :ECCS VENTILATING
	0588 CATEG.: A								TAG :D-1
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0351

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF. 2	DOCUMENTATION ACTUAL	DEM. QUALIF. 4	QUALIF. METHOD 5	H/M 6	OUTS ITEMS 7	
TAG NO : D-13	OPERABIL-ITY NORM/TEST DBA	<1000 CYCL < 1 MIN POST DBA	12 HOURS +100 DAYS POST DBA 7400 CYCLS	FSAR TABLE 3.11-2	ITT GC RPT 721.81.137 PAGE 11	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 DAYS ACCEL TEMP: 185F
EQUIPMENT: TYPE DAMPERS & LOUVERS	TEMPERAT-URE	90.OF NORM 117F1200HR 109FDESIGN	185F NORM 122F 30DYS 150F 100DY	TAB27B SL2-FSAR TABLE311-1 T395	ITT GC RPT 721.81.137 PAGE 11	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: SEE [REF 1] SEE NOTE 1
COMPONENT: DAMPER OPERATORS									MAINTAIN.: SEE [REF 1] SEE NOTE 1
MANUFACTURER: ITT GENERAL CONTROLS	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM 10 PSIG (ACC. DBA)	PAB27 SL2-FSAR TABLE311-1 P394	MCC POWER REPT#377-80.010 PG 38	COMB. TEST & EXTRA- POL'N	M	NONE	SUBCOMPONENTS:
MAJOR SUPPLIER : AMERICAN WARMING									NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS COMPONENT. NOTE 1:MAINTENANCE AND REPLACEMENT SCHEDULES CAN BE EXTENDED AS PER TELEPHONE CONVERSATIONS WITH ACTUATOR COMPONENTS.
MODEL AND SERIAL #: NH-90 SERIES/ NH-95	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	95% FOR 100 DAYS 90% FOR 30 DAYS DBA	HAB27B SL2-FSAR TABLE311-1 H395	ITT GC RPT 721.81.137 PAGE 11	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: & SERVICE RAB ISOLATION	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT AP PLICAB LE	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	>10.6 RADS TOTAL INTEGRATED DOSE	RAB27L SL2-FSAR TABLE311-1 R395	ITT GC RPT 721.81.137 PAGE 21,14	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:780E									
P.O #:422617 CWD # : 0463/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	721.81.137 PAGE 18 & EBASCO RVW	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB27									
COORDINATES X- 561.0 Y- 1533.0 Z- 43.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT AP PLICAB LE	M	NONE	AUTH. REFERENCE: MRL
INSTALLED (Y/N): NO INSTAL. REF:FV0118 QUALIF EXEMPTN: NOT EXEMPT	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:42.1
********** *QUALIF* QUALIFIED *STATUS* ******** * **********	OPERABILITY TEMPERATURE T PRESSURE P REL. HUMDTY H CHEM. SPRAY C RADIATION R AGING SUBMERGENCE S	42.1 42.1 42.1 42.1 42.1 42.1 42.1 42.1							
PHYS DWG REF: 2998G-395 PHYS DWG LOC: MOUNTING : N/A EQ PACK # : 42.1	SAR ENV CAT: D 10588 CATEG.: A APPENDIX E		REFERENCES: 1)ITT GC REPORT NO.721.81.138 DATED 6/81 2)MCC POWERS RPT#377-80.010RO 3)EPRI NP-1558 4)IEEE323-74;101-72;382-80,72						REVISION # :03 DATE :08/30/82 SYSTEM :ECCS VENTILATING TAG :D-13

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0352

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : D-14	OPERABILITY	<1000 CYCL	2 HOURS	FSAR TABLE	ITT GC RPT	COMB.	/	NONE	ACCEL TIME:
			+100 DAYS	3.11-2	721.81.137	TEST &			100 DAYS
	NORM/TEST	< 1 MIN	POST DBA		PAGE 11	EXTRA-			
EQUIPMENT: DAMPERS & LOUVE	DBA	POST DBA	7400 CYCLS			POL'N			ACCEL TEMP:
TYPE RS									185F
	TEMPERATURE	90.OF NORM	185F NORM	TAB27B	ITT GC RPT	COMB.	M	NONE	
COMPONENT: DAMPER OPERATOR				SL2-FSAR	721.81.137	TEST &			REPLACEMENT:
		117F 1200HR	122F 30DYS	TABLE311-1	PAGE 11	EXTRA-			SEE [REF 1]
		109FDESIGN	150F 100DY	T395		POL'N			SEE NOTE 1
MANUFACTURER: ITT GENERAL CONTROLS	PRESSURE	ATMOS NORM	ATMOS NORM	PAB27	MCC POWER	COMB.	M	NONE	MAINTAIN.:
		OPSIG	0 PSIG	SL2-FSAR	REPT#377-	TEST &			SEE [REF 1]<
MAJOR : AMERICAN		(ACC. DBA)	(ACC. DBA)	TABLE311-1	80.010	EXTRA-			SEE NOTE 1
SUPPLIER WARMING				P394	PG 38	POL'N			SUBCOMPONENTS:
									NO UNIQUE TAGGED
MODEL AND: NH-90 SERIES/	RELATIVE HUMIDITY	60.0% NORM	95% FOR	HAB27B	ITT GC RPT	COMB.	/	NONE	SUBCOMPONENTS ARE
SERIAL # NH-95			100 DAYS	SL2-FSAR	721.81.137	TEST &			ENVELOPED BY THIS
		62.0% 1200H	90% FOR 30	TABLE311-1	PAGE 11	EXTRA-			COMPONENT.
FUNCT.DES: RAB ISOLATION		39% DESIGN	DAYS DBA	H395		POL'N			NOTE 1:MAINTENANCE
& SERVICE									AND REPLECEMENT
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLICABLE	M	NONE	SCHEDULES CAN BE EXTENDED AS PER TELEPHONE CONVERSATIONS WITH ACTUATOR COMPONENT MANUFACTURERS
ACCUR. SPEC: NOT APPLICABLE									
	R 2 HR	810 1.0E5	>10.6 RADS	RAB27L	ITT GC RPT	COMB.	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	A 30 D	7.4E5 6.6E6	TOTAL	SL2-FSAR	721.81.137	TEST &			
	D 1 YR	1.1E6 6.6E6	INTEGRATED	TABLE311-1	PAGE 21,14	EXTRA-			
	. 40YR/RW	2.0E4 6.6E6	DOSE	R395		POL'N			
SPECIFICATIONS: 780E									
	AGE-	40 YEARS	40 YEARS	10CFR50	ITT GC RPT	COMB.	/	NONE	SAFETY FUNCTION:
P.O #:422617 CWD # : 0463/	INST LIFE			PARA 50.51	721.81.137	TEST &			ESF
	(PER 323-				PAGE 18 &	EXTRA-			
PLANT LOC.: AB27	1974 DEF.)				EBASCO RVW	POL'N			
COORDINATES X- 553.0	SUBMERGED	NO	NOT	SAB27	NOT	NOT AP	M	NONE	
Y- 1531.0		AREA	APPLICABLE	SL2-FSAR	APPLICABLE	PLICAB			
Z- 43.0		FLOODING		TABLE311-1		LE			AUTH. REFERENCE:
									MRL
INSTALLED (Y/N): NO									
INSTAL. REF: FV0119	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4--TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:42.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	42.1							
QUALIF QUALIFIED	TEMPERATURE T	42.1							
STATUS	PRESSURE P	42.1							
	REL. HUMDTY H	42.1							
*	CHEM. SPRAY C	42.1							
	RADIATION R	42.1	REFERENCES: 1)ITT GC REPORT NO.721.81.138 DATED 6/81						
PHYS DWG REF: 2998G-395	AGING	42.1							
PHYS DWG LOC:	SUBMERGENCE S	42.1	2)MCC POWERS RPT#377-80.010RO						REVISION # :03
MOUNTING : N/A			3)EPRI NP-1558						DATE :08/30/82
EQ PACK # : 42.1	SAR ENV CAT: D		4)IEEE323-74;101-72;382-80.72						
	0588 CATEG.: A								SYSTEM :ECCS VENTILATING
	APPENDIX E								TAG :D-14

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3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0353

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : D-15	OPERABIL-ITY NORM/TEST	<1000 CYCL < 1 MIN	12 HOURS +100 DAYS	FSAR TABLE 3.11-2	ITT GC RPT 721.81.137	COMB. TEST &	/	NONE	ACCEL TIME: 100 DAYS
EQUIPMENT: DAMPERS & LOUVERS	DBA	POST DBA	POST DBA 7400 CYCLS		PAGE 11	EXTRA-POL'N			ACCEL TEMP: 185F
TYPE	TEMPERAT-URE	85.5F NORM	185F NORM	TAB27D	ITT GC RPT	COMB.	M	NONE	3
COMPONENT: DAMPER OPERATOR		112F1200HR 104FDESIGN	122F 30DYS 150F 100DY	SL2-FSAR TABLE311-1 T395	721.81.137 PAGE 11	TEST & EXTRA-POL'N			REPLACEMENT: SEE [REF 1] SEE NOTE 1
MANUFACTURER: ITT GENERAL CONTROLS	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM 0 PSIG (ACC. DBA)	PAB27 SL2-FSAR TABLE311-1 P394	MCC POWER REPT#377-80.010 PG 38	COMB. TEST & EXTRA-POL'N	M	NONE	MAINTAIN.: SEE [REF 1] SEE NOTE 1
MAJOR SUPPLIER : AMERICAN WARMING									SUBCOMPONENTS:
MODEL AND SERIAL # : NH-90 SERIES/ NH-95	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 43% DESIGN	95% FOR 100 DAYS 90% FOR 30 DAYS DBA	HAB27D SL2-FSAR TABLE311-1 H395	ITT GC RPT 721.81.137 PAGE 11	COMB. TEST & EXTRA-POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS COMPONENT.
FUNCT.DES: RAB ISOLATION & SERVICE									NOTE 1:MAINTENANCE AND REPLACMENT
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT AP PLICAB LE	M	NONE	SCHEDULES CAN BE EXTENDED AS PER TELEPHONE CONVERSATIONS WITH ACTUATOR COMPONENTS' MANUFACTURERS 3
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	185 6.0E3 2.3E5 4.6E4 3.6E5 6.3E4 3.0E3 3.0E4	>10.6 RADS TOTAL INTEGRATED DOSE	RAB27F SL2-FSAR TABLE311-1 R395	ITT GC RPT 721.81.137 PAGE 21,14	COMB. TEST & EXTRA-POL'N	M	NONE	
SPECIFICATIONS:780E									
P.O #:422617 CWD # : 0462/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA·50.51	ITT GC RPT 721.81.137 PAGE 18 & EBASCO RVW	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB27									ESF
COORDINATES X- 586.0 Y- 1566.0 Z- 43.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT AP PLICAB LE	M	NONE	AUTH. REFERENCE: MRL
INSTALLED (Y/N): NO									
INSTAL. REF:FV0120	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:42.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	42.1							
**********	TEMPERATURE T	42.1							
QUALIF QUALIFIED	PRESSURE P	42.1							
STATUS	REL. HUMDTY H	42.1							
********	CHEM. SPRAY C	42.1							
*	RADIATION R	42.1	REFERENCES: 1)ITT GC REPORT NO.721.81.138 DATED 6/81						
**********	AGING	42.1							
PHYS DWG REF: 2998G-395	SUBMERGENCE S	42.1	2)MCC POWERS RPT#377-80.010R0						REVISION # :03
PHYS DWG LOC:			3)EPRI NP-1558						DATE :08/30/82
MOUNTING : N/A	SAR ENV CAT: D		4)IEEE323-74,101-72,382-80,72						
EQ PACK # : 42.1	0588 CATEG.: A								SYSTEM :ECCS VENTILATING
	APPENDIX E								TAG :D-15

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0354

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM.	QUALIF.	DOCUMENTATION ACTUAL	DEM.	QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2		3	4		5	6	7	
TAG NO : D-16	OPERABIL-ITY NORM/TEST	<1000 CYCL < 1 MIN	12 HOURS 1+100 DAYS 1POST DBA		FSAR TABLE 3.11-2	1ITT GC RPT 1721.81.137 1PAGE 11		COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 DAYS
EQUIPMENT: DAMPERS & LOUVERS	DBA	POST DBA	17400 CYCLS						.		ACCEL TEMP: 185F
TYPE	TEMPERAT-URE	85.5F NORM	185F NORM		TAB27D SL2-FSAR	1ITT GC RPT 1721.81.137		COMB. TEST &	M	NONE	
COMPONENT: DAMPER OPERATOR		112F1200HR 104FDESIGN	122F 30DYS 150F 100DY		TABLE311-1 T395	1PAGE 11		EXTRA- POL'N			REPLACEMENT: SEE [REF 1] SEE NOTE 1
MANUFACTURER: ITT GENERAL CONTROLS	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	1ATMOS NORM 10 PSIG 1(ACC. DBA)		PAB27 SL2-FSAR TABLE311-1 P394	1MCC POWER 1REPT#377- 180.010 1PG 38		COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: SEE [REF 1] SEE NOTE 1
MAJOR SUPPLIER : AMERICAN WARMING											SUBCOMPONENTS:
MODEL AND SERIAL # : NH-90 SERIES/ NH/95	RELATIVE HUMIDITY	70.0% NORM	195% FOR 100 DAYS		HAB27D SL2-FSAR	1ITT GC RPT 1721.81.137		COMB. TEST &	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS
		72.0%1200H 43% DESIGN	190% FOR 30 1DAYS DBA		TABLE311-1 H395	1PAGE 11		EXTRA- POL'N			COMPONENT.
FUNCT.DES: & SERVICE RAB ISOLATION											NOTE 1:MAINTENANCE REPLACEMENT
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	1NOT 1APPLICABLE		CAB27 SL2-FSAR TABLE311-1	1NOT 1APPLICABLE		NOT AP PLICAB LE	M	NONE	SCHEDULES CAN BE EXTENDED AS PER TELEPHONE CONVERSATIONS WITH ATUATOR
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	185 6.0E3 2.3E5 4.6E4 3.6E5 6.3E4 3.0E3 3.0E4	>10.6 RADS TOTAL INTEGRATED DOSE		RAB27F SL2-FSAR TABLE311-1 R395	1ITT GC RPT 1721.81.137 1PAGE 21,14		COMB. TEST & EXTRA- POL'N	M	NONE	COMPONENTS* MANUFACTURERS
SPECIFICATIONS: 780E											
P.O #:422617 CWD # : 0464/	AGE- 1NST LIFE (PER 323- 1974 DEF.)	40 YEARS	140 YEARS		10CFR50 PARA 50.51	1ITT GC RPT 1721.81.137 1PAGE 18 & 1EBASCO RVW		COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB27											
COORDINATES X- 586.0 Y- 1570.0 Z- 43.0	SUBMERGED	NO AREA FLOODING	1NOT 1APPLICABLE		SAB27 SL2-FSAR TABLE311-1	1NOT 1APPLICABLE		NOT AP PLICAB LE	M	NONE	AUTH. REFERENCE: MRL
INSTALLED (Y/N): NO											
INSTAL. REF: FVO121	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #								QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:42.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	42.1									
QUALIF QUALIFIED	TEMPERATURE T	42.1									
STATUS	PRESSURE P	42.1									
********	REL. HUMDTY H	42.1									
*	CHEM. SPRAY C	42.1									
**********	RADIATION R	42.1	REFERENCES: 1)ITT GC REPORT NO.721.81.138 DATED 6/81								
PHYS DWG REF: 2998G-395	AGING	42.1									
PHYS DWG LOC:	SUBMERGENCE S	42.1	2)MCC POWERS RPT#377-80.010RO								REVISION # :03
MOUNTING : N/A			3)EPRI NP-1558								DATE :08/30/82
EQ PACK # : 42.1	SAR ENV CAT: D		4)IEEE323-74, 101-72.382-80.72								SYSTEM :ECCS VENTILATING
	10588 CATEG.: A										TAG :D-16
	APPENDIX E										

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0359

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : D-2	OPERABILITY	<1000 CYCL	2 HOURS	FSAR TABLE	ITT GC RPT	COMB.	/	NONE	ACCEL TIME:
			+100 DAYS	3.11-2	721.81.137	TEST &			100 DAYS
EQUIPMENT: DAMPERS & LOUVE	NORM/TEST	< 1 MIN	POST DBA		PAGE 11	EXTRA-			
TYPE RS	DBA	POST DBA	7400 CYCLS			POL'N			ACCEL TEMP:
	TEMPERATURE	85.5F NORM	185F NORM	TAB24I	ITT GC RPT	COMB.	M	NONE	185F
COMPONENT: DAMPER OPERATOR				SL2-FSAR	721.81.137	TEST &			
		112F1200HR	122F 30DYS	TABLE311-1	PAGE 11	EXTRA-			REPLACEMENT:
		104FDESIGN	150F 100DY	T390		POL'N			SEE [REF 1] 3
MANUFACTURER: ITT GENERAL									SEE NOTE 1
CONTROLS	PRESSURE	ATMOS NORM	ATMOS NORM	PAB24	MCC POWER	COMB.	M	NONE	MAINTAIN.:
		OPSIG	0 PSIG	SL2-FSAR	REPT#377-	TEST &			SEE [REF 1]
MAJOR : AMERICAN		(ACC. DBA)	(ACC. DBA)	TABLE311-1	80.010	EXTRA-			SEE NOTE 1
SUPPLIER WARMING				P390	PG 38	POL'N			SUBCOMPONENTS:
MODEL AND: NH-90 SERIES/	RELATIVE	70.0% NORM	95% FOR	HAB24I	ITT GC RPT	COMB.	/	NONE	NO UNIQUE TAGGED
SERIAL # NH-95	HUMIDITY		100 DAYS	SL2-FSAR	721.81.137	TEST &			SUBCOMPONENTS ARE
		72.0%1200H	90% FOR 30	TABLE311-1	PAGE 11	EXTRA-			ENVELOPED BY THIS
FUNCT.DES: DAMPERS		50% DESIGN	DAYS DBA	H390		POL'N			COMPONENT.
& SERVICE TO ECCS P									NOTE 1:MAINTENANCE
UMP ROOM A	CHEMICAL	AREA NOT	NOT	CAB24	NOT	NOT AP	M	NONE	AND REPLACEMENT
	SPRAY	SUBJECT TO	APPLICABLE	SL2-FSAR	APPLICABLE	PLICAB			SCHEDULES CAN BE
		CHEMICAL		TABLE311-1		LE			EXTENDED AS PER
ACCUR. SPEC: NOT APPLICABLE		SPRAY							TELEPHONE
									CONVERSATIONS
									WITH ACTUATOR 3
	R 2 HR	240 4.0E4	>10.6 RADS	RAB24M	ITT GC RPT	COMB.	H	NONE	COMPONENTS*
ACCUR. DEM.: NOT APPLICABLE	A 30 D	2.8E5 2.2E5	TOTAL	SL2-FSAR	721.81.137	TEST &			MANUFACTURERS
	D 1 YR	4.2E5 3.1E5	INTEGRATED	TABLE311-1	PAGE 21,14	EXTRA-			
	40YR/RW	1.0E4 2.0E5	DOSE	R390		POL'N			
SPECIFICATIONS:780E									
	AGE-	40 YEARS	40 YEARS	10CFR50	ITT GC RPT	COMB.	/	NONE	SAFETY FUNCTION:
P.O #:422617 CWD # : 0465/	INST LIFE			PARA 50.51	721.81.137	TEST &			ESF
	(PER 323-				PAGE 18 &	EXTRA-			
PLANT LOC.: AB24	1974 DEF.)				EBASCO RVW	POL'N			
	SUBMERGED	-10.0 FT	NOT	SAB24M	NOT	NOT AP	M	NONE	
COORDINATES X- 573.0			APPLICABLE	SL2-FSAR	APPLICABLE	PLICAB			
Y- 1484.0				TABLE311-1		LE			AUTH. REFERENCE:
Z- 5.0				S390					7.3-2

INSTALLED (Y/N): YES
INSTAL. REF:FV0312
QUALIF EXEMPTN: NOT APPLIC

PARAMETER	SUPPL. REVIEW
OPERABILITY	42.1
TEMPERATURE T	42.1
PRESSURE P	42.1
REL. HUMDTY H	42.1
CHEM. SPRAY C	42.1
RADIATION R	42.1
AGING	42.1
SUBMERGENCE S	42.1

SAR ENV CAT: D
0588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1) ITT GC REPORT NO.721.81.138 DATED 6/81
2) MCC POWERS RPT#377-80.010RO
3) EPRI NP-1558
4) IEEE323-74,101-72,382-80,72

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:42.1

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 42.1

REVISION # :03
DATE :08/30/82

SYSTEM :ECCS VENTILATING
TAG :D-2

QUALIF QUALIFIED
STATUS
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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0363

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : D-23	OPERABIL-ITY	<1000 CYCL	12 HOURS	FSAR TABLE	ITT GC RPT	COMB.	/	NONE	ACCEL TIME:
			+100 DAYS	3.11-2	721.81.137	TEST &			100 DAYS
	NORM/TEST	< 1 MIN	POST DBA		PAGE 11	EXTRA-			
EQUIPMENT: DAMPERS & LOUVE	DBA	POST DBA	87360 CYCL			POL'N			ACCEL TEMP:
TYPE RS									185F
	TEMPERAT-URE	90.OF NORM	185F NORM	TAB27B	ITT GC RPT	COMB.	M	NONE	
COMPONENT: DAMPER OPERATOR				SL2-FSAR	721.81.137	TEST &			REPLACEMENT:
		117F1200HR	122F 30DYS	TABLE311-1	PAGE 11	EXTRA-			SEE [REF 1]
		109FDESIGN	150F 100DY	T395		POL'N			SEE NOTE 1
MANUFACTURER: ITT GENERAL CONTROLS	PRESSURE	ATMOS NORM	ATMOS NORM	PAB27	MCC POWER	COMB.	M	NONE	MAINTAIN.:
		OPSIG	0 PSIG	SL2-FSAR	REPT#377-	TEST &			SEE [REF 1]
MAJOR : AMERICAN		(ACC. DBA)	(ACC. DBA)	TABLE311-1	80.010	EXTRA-			SEE NOTE 1
SUPPLIER WARMING				P394	PG 38	POL'N			SUBCOMPONENTS:
MODEL AND: NH-90 SERIES/	RELATIVE HUMIDITY	60.0% NORM	95% FOR	HAB27B	ITT GC RPT	COMB.	/	NONE	NO UNIQUE TAGGED
SERIAL # NH-91 REVERSE			100 DAYS	SL2-FSAR	721.81.137	TEST &			SUBCOMPONENTS ARE
		62.0%1200H	90% FOR 30	TABLE311-1	PAGE 11	EXTRA-			ENVELOPED BY THIS
FUNCT.DES: SBVS CONT.		39% DESIGN	DAYS DBA	H395		POL'N			COMPONENT.
& SERVICE									NOTE 1:MAINTENANCE
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT AP PLICAB LE	M	NONE	& REPLACEMENT SCHEDULES CAN BE EXTENDED AS PER TELEPHONE CONVER-SATIONS WITH ACTUATOR COMPONENTS" MANUFACTURERS
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	>10.6 RADS TOTAL INTEGRATED DOSE	RAB27K SL2-FSAR TABLE311-1 R395	ITT GC RPT 721.81.137 PAGE 21,14	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:780E									
P.O #:422617 CWD # : 1140/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	ITT GC RPT 721.81.137 PAGE 18 & EBASCO RVW	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB27									ESF
COORDINATES X- 576.0	SUBMERGED	NO	NOT	SAB27	NOT	NOT AP	M	NONE	
Y- 1531.0		AREA	APPLICABLE	SL2-FSAR	APPLICABLE	PLICAB			
Z- 46.0		FLOODING		TABLE311-1		LE			AUTH. REFERENCE:
INSTALLED (Y/N): YES									MRL
INSTAL. REF:FC0061	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:42.1
QUALIF EXEMPTN: NOT EXEMPT									
**********	OPERABILITY	42.1							
QUALIF QUALIFIED	TEMPERATURE T	42.1							
STATUS	PRESSURE P	42.1							
********	REL. HUMDTY H	42.1							
*	CHEM. SPRAY C	42.1	REFERENCES: 1)ITT GC REPORT NO.721.81.138 DATED 6/81						
**********	RADIATION R	42.1							
PHYS DWG REF: 2998G-395	AGING	42.1	2)MCC POWERS RPT#377-80.010R0						REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	42.1	3)EPRI NP-1558 4)IEEE323-74, IEEE382-72,382-80,101-72.						DATE :08/30/82
MOUNTING : N/A									
EQ PACK # : 42.1	SAR ENV CAT: D								SYSTEM :ECCS VENTILATING
	0588 CATEG.: A								TAG :D-23
	APPENDIX E								

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0364

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : D-24	OPERABIL-ITY /NORM/TEST /DBA	<1000 CYCL < 1 MIN POST DBA	2 HOURS 1+100 DAYS POST DBA 87360 CYCL	FSAR TABLE 3.11-2	ITT GC RPT 721.81.137 PAGE 11	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 DAYS
EQUIPMENT: DAMPERS & LOUVE TYPE RS									ACCEL TEMP: -185F
COMPONENT: DAMPER OPERATOR	TEMPERAT-URE	90.OF NORM 117F1200HR 109FDESIGN	185F NORM 122F 30DYS 150F 100DY	TAB27B SL2-FSAR TABLE311-1 T395	ITT GC RPT 721.81.137 PAGE 11	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: SEE [REF 1] EE NOTE 1
MANUFACTURER: ITT GENERAL CONTROLS	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM IO PSIG (ACC. DBA)	PAB27 SL2-FSAR TABLE311-1 P394	MCC POWER REPT#377-80.010 PG 38	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: -SEE [REF 1] SEE NOTE 1
MAJOR SUPPLIER : AMERICAN WARMING									SUBCOMPONENTS:
MODEL AND SERIAL # : NH-90 SERIES/ NH-91 REVERSE	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	95% FOR 100 DAYS 90% FOR 30 DAYS DBA	HAB27B SL2-FSAR TABLE311-1 H395	ITT GC RPT 721.81.137 PAGE 11	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS COMPONENT. NOTE 1:MAINTAINENC & REPLACEMENT
FUNCT.DES: SBVS CONT. & SERVICE									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT AP PLICAB LE	M	NONE	SCHEDULES CAN BE AS PER TELEPHONE CONVERSATIONS WITH ACTUATOR COMPONENTS*
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	>10.6 RADS TOTAL INTEGRATED DOSE	RAB27K SL2-FSAR TABLE311-1 R395	ITT GC RPT 721.81.137 PAGE 21,14	COMB. TEST & EXTRA- POL'N	H	NONE	MANUFACTURERS
SPECIFICATIONS:780E									
P.O #:422617 CWD # : 1141/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	ITT GC RPT 721.81.137 PAGE 18 & EBASCO RVW	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB27									
COORDINATES X- 578.0 Y- 1515.0 Z- 46.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT AP PLICAB LE	M	NONE	AUTH. REFERENCE: MRL
INSTALLED (Y/N): YES									
INSTAL. REF:FV0062	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:42.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	42.1							
QUALIF QUALIFIED	TEMPERATURE T	42.1							
STATUS	PRESSURE P	42.1							
********	REL. HUMDTY H	42.1							
*	CHEM. SPRAY C	42.1	REFERENCES: 1)ITT GC REPORT NO.721.81.138 DATED 6/81						
	RADIATION R	42.1							
PHYS DWG REF: 2998G-395	AGING	42.1	2)MCC POWERS RPT#377-80.010R0						REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	42.1	3)EPRI NP-1558						DATE :08/30/82
MOUNTING : N/A			4)IEEE323-74,IEEE101-72,382-80						
EQ PACK # : 42.1	SAR ENV CAT: D								SYSTEM :ECCS VENTILATING
	0588 CATEG.: A								TAG :D-24
	APPENDIX E								

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0366

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : D-3	OPERABIL-ITY NORM/TEST DBA	<1000 CYCL < 1 MIN POST DBA	2 HOURS +100 DAYS POST DBA 7400 CYCLS	FSAR TABLE 3.11-2	ITT GC RPT 721.81.137 PAGE 11	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 DAYS ACCEL TEMP: 185F
EQUIPMENT: DAMPERS & LOUVE TYPE RS	TEMPERAT-URE	85.5F NORM 112F 1200HR 104F DESIGN	185F NORM 122F 30DYS 150F 100DY	TAB24I SL2-FSAR TABLE311-1 T390	ITT GC RPT 721.81.137 PAGE 11	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: SEE [REF 1] SEE NOTE 1
COMPONENT: DAMPER OPERATOR									
MANUFACTURER: ITT GENERAL CONTROLS	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM 0 PSIG (ACC. DBA)	PAB24 SL2-FSAR TABLE311-1 P390	MCC POWER REPT#377-80.010 PG 38	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: SEE [REF 1]< SEE NOTE 1
MAJOR SUPPLIER : AMERICAN WARMING									SUBCOMPONENTS:
MODEL AND SERIAL # : NH-90 SERIES NH-95	RELATIVE HUMIDITY	70.0% NORM 72.0% 1200H 50% DESIGN	95% FOR 100 DAYS 90% FOR 30 DAYS DBA	HAB24I SL2-FSAR TABLE311-1 H390	ITT GC RPT 721.81.137 PAGE 11	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS COMPONENT. NOTE 1:MAINTENANCE & REPLACEMENT
FUNCT.DES: & SERVICE AIR SUPPLY DAMPERS TO ECCS PUMP ROOM B	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT AP PLICAB LE	M	NONE	SCHEDULES CAN BE EXTENDED AS PER TELEPHONE CONSERVATIONS WITH ACTUATOR COMPONENT MANUFACTURERS
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	>10.6 RADS TOTAL INTEGRATED DOSE	RAB24M SL2-FSAR TABLE311-1 R390	ITT GC RPT 721.81.137 PAGE 21.14	H	NONE	
SPECIFICATIONS:780E									
P.O #:422617 CWD # : 0465/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	ITT GC RPT 721.81.137 PAGE 18 & EBASCO RVW	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB24									
COORDINATES X- 564.0 Y- 1486.0 Z- 5.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	NOT AP PLICAB LE	M	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): NO INSTAL. REF:FV0315 QUALIF EXEMPTN: NOT EXEMPT									

PARAMETER	SUPPL. REVIEW
OPERABILITY	42.1
TEMPERATURE T	42.1
PRESSURE P	42.1
REL. HUMDTY H	42.1
CHEM. SPRAY C	42.1
RADIATION R	42.1
AGING	42.1
SUBMERGENCE S	42.1

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

QUALIF QUALIFIED
STATUS

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 42.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1) ITT GC REPORT NO.721.81.138 DATED 6/81
2) MCC POWERS RPT#377-80.010RO
3) EPRI NP-1558
4) IEEE323-74,101-72,382-72,80

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:42.1

REVISION # :03
DATE :08/30/82

SYSTEM :ECCS VENTILATING
TAG :D-3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0375

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : D-4	OPERABIL-ITY	<1000 CYCL	12 HOURS	FSAR TABLE 3.11-2	ITT GC RPT 721.81.137 PAGE 11	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME:
	NORM/TEST DBA	<1 MIN	+100 DAYS POST DBA 7400 CYCLS						
EQUIPMENT: DAMPERS & LOUVE									ACCEL TEMP:
TYPE RS									185F
COMPONENT: DAMPER OPERATOR	TEMPERAT-URE	85.5F NORM	185F NORM 122F 30DYS	TAB24I SL2-FSAR	ITT GC RPT 721.81.137	COMB. TEST &	M	NONE	REPLACEMENT:
		112F 200HR	150F 100DYS	TABLE311-1	PAGE 11	EXTRA-			SEE REF.1
		104F DESIGN		T390		POL'N			SEE NOTE 1
MANUFACTURER: ITT GENERAL CON TROLS									MAINTAIN.:
	PRESSURE	ATMOS NORM OPSIG	ATMOS NORM 10 PSIG	PAB24 SL2-FSAR	MCC POWERS REPT#377- 80.010	COMB. TEST & EXTRA-	M	NONE	SEE REF.1 SEE NOTE 1
MAJOR SUPPLIER : NOT APPLICABLE		(ACC. DBA)	(ACC. DBA)	TABLE311-1 P390		POL'N			SUBCOMPONENTS:
MODEL AND SERIAL #: NH-90/95	RELATIVE HUMIDITY	70.0% NORM	95% FOR 100 DAYS	HAB24I SL2-FSAR	ITT GC RPT 721.81.137	COMB. TEST &	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT.
		72.0% 200H	90% FOR 30	TABLE311-1	PAGE 11	EXTRA-			NOTE 1:MAINENANCE
FUNCT.DES: AIR SUPPLY		50% DESIGN		H390		POL'N			& REPLACEMENT
& SERVICE DAMPERS TO ECCS PUMP ROOM B	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	SCHEDULES CAN BE EXTENDED AS PER CONVERSATIONS WITH ACTUATOR COMPONENTS' MANU-
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR	240 4.0E4	>10.6 RADS	RAB24M	ITT GC RPT	COMB.	H	NONE	FACTURERS.
	A 30 D	2.8E5 2.2E5	TOTAL	SL2-FSAR	721.81.137	TEST &			
	D 1 YR	4.2E5 3.1E5	INTEGRATED	TABLE311-1	PG.21,14	EXTRA-			
	. 40YR/RW	1.0E4 2.0E5	DOSE	R390		POL'N			
SPECIFICATIONS: 780E									
P.O #:CCEL.T CWD # : 0465/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	ITT GC RPT 721.81.137 PAGE 18 & EBASCO RVW	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB24									
COORDINATES X- 557.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR	NOT APPLICABLE	N/A	M	NONE	PAM
Y- 1485.0				TABLE311-1					
Z- 5.0				S390					AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): NO									
INSTAL. REF: BY-FLD									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	42.1
TEMPERATURE T	42.1
PRESSURE P	42.1
REL. HUMDTY H	42.1
CHEM. SPRAY C	42.1
RADIATION R	42.1
AGING	42.1
SUBMERGENCE S	42.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1. ITT GC REPT#721.81.138,06/81
2. MCC POWERS REPT#377-80.010RO
3. EPRI NP-1558
4. IEEE 323-74,382-72,101-72

****
QUALIF QUALIFIED
STATUS
****
*
****

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 42.1

SAR ENV CAT: D
0588 CATEG.: A
APPENDIX E

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:42.1

REVISION # :03
DATE :08/30/82

SYSTEM :ECCS VENTILATING
TAG :D-4

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0379

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	DUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : D-6A	OPERABIL-ITY	<1000 CYCL	2 HOURS	FSAR TABLE	ITT GC RPT	COMB.	/	NONE	ACCEL TIME:
			+100 DAYS	3.11-2	721.81.137	TEST &			100 DAYS
	NORM/TEST	< 1 MIN	POST DBA		PAGE 11	EXTRA-			
EQUIPMENT: DAMPERS & LOUVE	DBA	POST DBA	7400 CYCLS			POL'N			ACCEL TEMP:
TYPE RS									185F
	TEMPERAT-URE	85.5F NORM	185F NORM	TAB24H	ITT GC RPT	COMB.	M	NONE	
COMPONENT: DAMPER OPERATOR				SL2-FSAR	721.81.137	TEST &			REPLACEMENT:
		112F1200HR	122F 30DYS	TABLE311-1	PAGE 11	EXTRA-			SEE [REF 1]
		104FDESIGN	150F 100DY	T390		POL'N			SEE NOTE 1
MANUFACTURER: ITT GENERAL CONTROLS	PRESSURE	ATMOS NORM	ATMOS NORM	PAB24	MCC POWER	COMB.	M	NONE	MAINTAIN.:
		OPSIG	0 PSIG	SL2-FSAR	REPT#377-	TEST &			SEE [REF 1]
MAJOR : AMERICAN		(ACC. DBA)	(ACC. DBA)	TABLE311-1	80.010	EXTRA-			SEE NOTE 1
SUPPLIER WARMING				P390	PG 38	POL'N			SUBCOMPONENTS:
MODEL AND: NH-90 SERIES/	RELATIVE HUMIDITY	70.0% NORM	95% FOR	HAB24H	ITT GC RPT	COMB.	/	NONE	NO UNIQUE TAGGED
SERIAL # NH-95			100 DAYS	SL2-FSAR	721.81.137	TEST &			SUBCOMPONENTS ARE
		72.0%1200H	90% FOR 30	TABLE311-1	PAGE 11	EXTRA-			ENVELOPED BY THIS
FUNCT.DES: ECCS AREA ISOL		50% DESIGN	DAYS DBA	H390		POL'N			COMPONENT.
& SERVICE ATION DAMPERS									NOTE 1:MANINTENACE
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT AP PLICAB LE	M	NONE	& REPLACEMENT SCHUEDULES CAN BE EXTENDED AS PER TELEPHONE CONVERSATION WITH ACTUATOR COMPONENT MANUFACTURERS
ACCUR. SPEC: NOT APPLICABLE		SPRAY							
ACCUR. DEM.: NOT APPLICABLE	R 2 HR	260 4.0E5	>10.6 RADS	RAB24K	ITT GC RPT	COMB.	H	NONE	
	A 30 D	3.0E5 2.0E6	TOTAL	SL2-FSAR	721.81.137	TEST &			
	D 1 YR	4.5E5 3.5E6	INTEGRATED	TABLE311-1	PAGE 21,14	EXTRA-			
	. 40YR/RW	5.0E4 2.0E6	DOSE	R390		POL'N			
SPECIFICATIONS:780E									
P.O #:422617 CWD # : 0467/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	ITT GC RPT 721.81.137 PAGE 18 & EBASCO RVW	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB24									
COORDINATES X- 558.0	SUBMERGED	NO	NOT	SAB24	NOT	NOT AP	M	NONE	
Y- 1419.0		AREA	APPLICABLE	SL2-FSAR	APPLICABLE	PLICAB			
Z- 5.0		FLOODING		TABLE311-1		LE			AUTH. REFERENCE:
									7.3-2

INSTALLED (Y/N): YES
INSTAL. REF:FV0066
QUALIF EXEMPTN: NOT EXEMPT

PARAMETER	SUPPL. REVIEW
OPERABILITY	42.1
TEMPERATURE T	42.1
PRESSURE P	42.1
REL. HUMDTY H	42.1
CHEM. SPRAY C	42.1
RADIATION R	42.1
AGING	42.1
SUBMERGENCE S	42.1

QUALIF QUALIFIED
STATUS

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 42.1

SAR ENV CAT: D
0588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1) ITT GC REPORT NO.721.81.138 DATED 6/81
2) MCC POWERS RPT#377-80.010R0
3) EPRI NP-1558
4) IEEE323-74,101-72,382-72,80

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:42.1

REVISION # :03
DATE :08/30/82

SYSTEM :ECCS VENTILATING
TAG :D-6A

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0383

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : D-8A	OPERABIL-ITY	<1000 CYCL	12 HOURS	FSAR TABLE	ITT GC RPT	COMB.	/	NONE	ACCEL TIME:
			+100 DAYS	3.11-2	721.81.137	TEST &			100 DAYS
	NORM/TEST	< 1 MIN	POST DBA		PAGE 11	EXTRA-			
EQUIPMENT: DAMPERS & LOUVE	DBA	POST DBA	7400 CYCLS			POL'N			ACCEL TEMP:
TYPE RS									185F
	TEMPERAT-URE	85.5F NORM	185F NORM	TAB24H	ITT GC RPT	COMB.	M	NONE	
COMPONENT: DAMPER OPERATOR				SL2-FSAR	721.81.137	TEST &			REPLACEMENT:
		112F1200HR	122F 30DYS	TABLE311-1	PAGE 11	EXTRA-			SEE [REF 1]
		104FDESIGN	150F 100DY	T390		POL'N			SEE NOTE 1
MANUFACTURER: ITT GENERAL CONTROLS	PRESSURE	ATMOS NORM	ATMOS NORM	PAB24	MCC POWER	COMB.	M	NONE	MAINTAIN.:
		OPSIG	0 PSIG	SL2-FSAR	REPT#377-	TEST &			SEE [REF 1]
MAJOR : AMERICAN		(ACC. DBA)	(ACC. DBA)	TABLE311-1	80.010	EXTRA-			SEE NOTE 1
SUPPLIER WARMING				P390	PG 38	POL'N			SUBCOMPONENTS:
									NO UNIQUE TAGGED
MODEL AND: NH-90 SERIES/	RELATIVE HUMIDITY	70.0% NORM	95% FOR	HAB24H	ITT GC RPT	COMB.	/	NONE	SUBCOMPONENTS ARE
SERIAL # H-95			100 DAYS	SL2-FSAR	721.81.137	TEST &			ENVELOPED BY THIS
		72.0%1200H	90% FOR 30	TABLE311-1	PAGE 11	EXTRA-			COMPONENT.
FUNCT.DES: ECCS AREA ISOL		50% DESIGN	DAYS DBA	H390		POL'N			NOTE 1:MAINTENANCE
& SERVICE ATION DAMPERS									& REPLACEMENT
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT AP PLICAB LE	M	NONE	SCHEDULES CAN BE EXTENDED AS PER TELEPHONE CONVERSATION WITH ACTUATOR COMPONENT MANUFACTURERS
ACCUR. SPEC: NOT APPLICABLE									
	R 2 HR	260 4.0E5	>10.6 RADS	RAB24K	ITT GC RPT	COMB.	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	A 30 D	3.0E5 2.0E6	TOTAL	SL2-FSAR	721.81.137	TEST &			
	D 1 YR	4.5E5 3.5E6	INTEGRATED	TABLE311-1	PAGE 21,14	EXTRA-			
	. 40YR/RW	5.0E4 2.0E6	DOSE	R390		POL'N			
SPECIFICATIONS: 780E									
	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	ITT GC RPT 721.81.137 PAGE 18 & EBASCO RVW	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
P.O #:422617 CWD # : 0465/									ESF
PLANT LOC.: AB24									
COORDINATES X- 558.0	SUBMERGED	NO	NOT	SAB24	NOT	NOT AP	M	NONE	
Y- 1460.0		AREA	APPLICABLE	SL2-FSAR	APPLICABLE	PLICAB			
Z- 5.0		FLOODING		TABLE311-1		LE			AUTH. REFERENCE:
									7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF:FV0320	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION
QUALIF EXEMPTN: NOT EXEMPT									PACKAGE:42.1
**********	OPERABILITY	42.1							
QUALIF QUALIFIED	TEMPERATURE T	42.1							
STATUS	PRESSURE P	42.1							
********	REL. HUMDTY H	42.1							
*	CHEM. SPRAY C	42.1							
**********	RADIATION R	42.1	REFERENCES: 1)ITT GC REPORT NO.721.81.138 DATED 6/81						
PHYS DWG REF: 2998G-390	AGING	42.1							
PHYS DWG LOC:	SUBMERGENCE S	42.1	2)MCC POWERS RPT#377-80.010R0						REVISION # :03
MOUNTING : N/A			3)EPRI NP-1558						DATE :08/30/82
EQ PACK # : 42.1	SAR ENV CAT: D		4)IEEE323-74,101-72,382-72,80						
	0588 CATEG.: A								SYSTEM :ECCS VENTILATING
	APPENDIX E								TAG :D-8A

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0384

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : D-8B	OPERABIL-ITY	<1000 CYCL	2 HOURS	FSAR TABLE	ITT GC RPT	COMB.	/	NONE	ACCEL TIME:
			+100 DAYS	3.11-2	721.81.137	TEST &			100 DAYS
EQUIPMENT: DAMPERS & LOUVE	NORM/TEST	< 1 MIN	POST DBA		PAGE 11	EXTRA-			
TYPE RS	DBA	POST DBA	7400 CYCLS			POL'N			ACCEL TEMP:
									185F
	TEMPERAT-URE	85.5F NORM	185F NORM	TAB24H	ITT GC RPT	COMB.	M	NONE	
COMPONENT: DAMPER OPERATOR				SL2-FSAR	721.81.137	TEST &			REPLACEMENT:
		112F 120OHR	122F 30DYS	TABLE311-1	PAGE 11	EXTRA-			SEE [REF 1]
		104F DESIGN	150F 100DY	T390		POL'N			SEE NOTE 1
MANUFACTURER: ITT GENERAL CONTROLS									MAINTAIN.:
	PRESSURE	ATMOS NORM	ATMOS NORM	PAB24	MCC POWER	COMB.	M	NONE	SEE [REF 1]
		OPSIG	0 PSIG	SL2-FSAR	REPT#377-	TEST &			SEE NOTE 1
MAJOR : AMERICAN		(ACC. DBA)	(ACC. DBA)	TABLE311-1	80.010	EXTRA-			SUBCOMPONENTS:
SUPPLIER WARMING				P390	PG 38	POL'N			
	RELATIVE	70.0% NORM	95% FOR	HAB24H	ITT GC RPT	COMB.	/	NONE	NO UNIQUE TAGGED
MODEL AND: NH-90 SERIES/	HUMIDITY		100 DAYS	SL2-FSAR	721.81.137	TEST &			SUBCOMPONENTS ARE
SERIAL # NH 95		72.0% 1200H	90% FOR 30	TABLE311-1	PAGE 11	EXTRA-			ENVELOPED BY THIS
		50% DESIGN	DAYS DBA	H390		POL'N			COMPONENT.
FUNCT.DES: ECCS AREA ISOL									NOTE 1:MAINTENANCE
& SERVICE ATION DAMPERS									& REPLACEMENTS
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT AP PLICAB LE	M	NONE	SCHUDULES CAN BE EXTENDED AS PER TELEPHONE CONVERSATIONS WITH
ACCUR. SPEC: NOT APPLICABLE		SPRAY							ACUATOR COMPONENTS
	R 2 HR	260 4.0E5	>10.6 RADS	RAB24K	ITT GC RPT	COMB.	H	NONE	MANUFACTURERS
ACCUR. DEM.: NOT APPLICABLE	A 30 D	3.0E5 2.0E6	TOTAL	SL2-FSAR	721.81.137	TEST &			
	D 1 YR	4.5E5 3.5E6	INTEGRATED	TABLE311-1	PAGE 21,14	EXTRA-			
	. 40YR/RW	5.0E4 2.0E6	DOSE	R390		POL'N			
SPECIFICATIONS: 780E									
	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	ITT GC RPT 721.81.137 PAGE 18 & EBASCO RVW	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
P.O #:422617 CWD # : 0465/									
PLANT LOC.: AB24									
COORDINATES X- 558.0	SUBMERGED	NO	NOT	SAB24	NOT	NOT AP	M	NONE	
Y- 1459.0		AREA	APPLICABLE	SL2-FSAR	APPLICABLE	PLICAB			
Z- 5.0		FLOODING		TABLE311-1		LE			AUTH. REFERENCE:
									7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0321	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:42.1
QUALIF EXEMPTN: NOT EXEMPT									
**********	OPERABILITY	42.1							
QUALIF QUALIFIED	TEMPERATURE	T 42.1							
STATUS	PRESSURE	P 42.1							
********	REL. HUMDTY	H 42.1							
*	CHEM. SPRAY	C 42.1							
**********	RADIATION	R 42.1	REFERENCES: 1) ITT GC REPORT NO.721.81.138 DATED 6/81						
PHYS DWG REF: 2998G-390	AGING	42.1							
PHYS DWG LOC:	SUBMERGENCE	S 42.1	2) MCC POWERS RPT#377-80.010RO						REVISION # :03
MOUNTING : N/A			3) EPRI NP-1558						DATE :08/30/82
EQ PACK # : 42.1	SAR ENV CAT: D		4) IEEE323-74,101-72,382-72,80						
	0588 CATEG.: A								SYSTEM :ECCS VENTILATING
	APPENDIX E								TAG :D-8B

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0385

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : D-9A	OPERABIL-ITY NORM/TEST	<1000 CYCL < 1 MIN	12 HOURS +100 DAYS POST DBA	FSAR TABLE 3.11-2	ITT GC RPT 721.81.137 PAGE 11	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 DAYS
EQUIPMENT: DAMPERS & LOUVE TYPE RS	DBA	POST DBA	7400 CYCLS				.		ACCEL TEMP: -185F
COMPONENT: DAMPER OPERATOR	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	185F NORM 122F 30DYS 150F 100DY	TAB24I SL2-FSAR TABLE311-1 T390	ITT GC RPT 721.81.137 PAGE 11	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: SEE [REF 1] SEE NOTE 1
MANUFACTURER: ITT GENERAL CONTROL									MAINTAIN.: -SEE [REF 1]
MAJOR : AMERICAN SUPPLIER WARMING	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM 10 PSIG (ACC. DBA)	PAB24 SL2-FSAR TABLE311-1 P390	MCC POWER REPT#377- 80.010 PG 38	COMB. TEST & EXTRA- POL'N	M	NONE	SEE NOTE 1 SUBCOMPONENTS:
MODEL AND: NH-90 SERIES/ SERIAL # NH-95	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	95% FOR 100 DAYS 90% FOR 30 DAYS DBA	HAB24I SL2-FSAR TABLE311-1 H390	ITT GC RPT 721.81.137 PAGE 11	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS COMPONENT. NOTE 1:MAINTENANCE & REPLACEMENT
FUNCT.DES: ECCS AREA ISOL & SERVICE ATION DAMPERS	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT AP PLICAB LE	M	NONE	SCHEDULES CAN BE EXTENDED AS PER TELEPHONE CONVERSATION WITH ACUATOR COMPONENTS MANUFACTURERS 3
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	>10.6 RADS TOTAL INTEGRATED DOSE	RAB24M SL2-FSAR TABLE311-1 R390	ITT GC RPT 721.81.137 PAGE 21,14	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 780E									
P.O #:422617 CWD # : 0462/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	ITT GC RPT 721.81.137 PAGE 18 & EBASCO RVW	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									
COORDINATES X- 548.0 Y- 1515.0 Z- 5.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	NOT AP PLICAB LE	M	NONE	RPS AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0322	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:42.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	42.1							
**********	TEMPERATURE T	42.1							
QUALIF QUALIFIED	PRESSURE P	42.1							
STATUS	REL. HUMDTY H	42.1							
********	CHEM. SPRAY C	42.1							
*	RADIATION R	42.1	REFERENCES: 1)ITT GC REPORT NO.721.81.138 DATED 6/81						
**********	AGING	42.1	2)MCC POWERS RPT#377-80.010RO						REVISION # :03 3
PHYS DWG REF: 2998G-390	SUBMERGENCE S	42.1	3)EPRI NP-1558						DATE :08/30/82
PHYS DWG LOC:			4)IEEE323-74,101-72,382-72,80						
MOUNTING : NOT APPLICABLE									SYSTEM :ECCS VENTILATING
EQ PACK # : 42.1	SAR ENV CAT: D								TAG :D-9A
	0588 CATEG.: A								
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0386

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : D-9B	OPERABIL-ITY /NORM/TEST /DBA	<1000 CYCL . < 1 MIN POST DBA	12 HOURS +100 DAYS /POST DBA 7400 CYCLS	FSAR TABLE 3.11-2	/ITT GC RPT /721.81.137 /PAGE 11	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 DAYS
EQUIPMENT: DAMPERS & LOUVE TYPE RS									ACCEL TEMP: 185F
COMPONENT: DAMPER OPERATOR	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	185F NORM . 122F 30DYS 150F 100DY	TAB24I SL2-FSAR TABLE311-1 T390	/ITT GC RPT /721.81.137 /PAGE 11	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: SEE [REF 1] SEE NOTE 1
MANUFACTURER: ITT GENERAL CONTROLS									MAINTAIN.:
MAJOR : AMERICAN SUPPLIER WARMING	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM 0 PSIG (ACC. DBA)	PAB24 SL2-FSAR TABLE311-1 P390	/MCC POWER /REPT#377- /80.010 /PG 38	COMB. TEST & EXTRA- POL'N	M	NONE	SEE [REF 1] SEE NOTE 1 SUBCOMPONENTS:
MODEL AND: NH-90 SERIES/ SERIAL # NH-95	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	95% FOR 100 DAYS 90% FOR 30 /DAYS DBA	HAB24I SL2-FSAR TABLE311-1 H390	/ITT GC RPT /721.81.137 /PAGE 11	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS COMPONENT. NOTE 1:MAINTENANCE
FUNCT.DES & SERVICE' ATION DAMPERS									& REPLACEMENT
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	/NOT /APPLICABLE	NOT AP PLICAB LE	M	NONE	SCHEDULES CAN BE EXTENDED AS PER CONVERSATIONS WITH ACTUATOR
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	.240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	>10.6 RADS TOTAL INTEGRATED DOSE	RAB24M SL2-FSAR TABLE311-1 R390	/ITT GC RPT /721.81.137 /PAGE 21,14	COMB. TEST & EXTRA- POL'N	H	NONE	COMPONENTS' MANU-FACTURERS.
SPECIFICATIONS:780E									
P.O #:422617 CWD # : 0464/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	/ITT GC RPT /721.81.137 /PAGE 18 & /EBASCO RVW	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									ESF
COORDINATES X- 549.0 Y- 1515.0 Z- 5.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	/NOT /APPLICABLE	NOT AP PLICAB LE	M	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF:FV0323	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION
QUALIF EXEMPTN: NOT EXEMPT									PACKAGE:42.1
**********	OPERABILITY	42.1							
QUALIF QUALIFIED	TEMPERATURE T	42.1							
STATUS	PRESSURE P	42.1							
********	REL. HUMDTY H	42.1							
*	CHEM. SPRAY C	42.1							
**********	RADIATION R	42.1							
PHYS DWG REF: 2998G-390	AGING	42.1							
PHYS DWG LOC:	SUBMERGENCE S	42.1							
MOUNTING : N/A									
EQ PACK # : 42.1	SAR ENV CAT: D								
	0588 CATEG.: A								
	APPENDIX E								

REFERENCES: 1)ITT GC REPORT NO.721.81.138 DATED 6/81 2)MCC POWERS RPT#377-80.010RO 3)EPRI NP-1558 4)IEEE323-74, IEEE382-72,382-80,101-72

REVISION # :03
DATE :08/30/82

SYSTEM :ECCS VENTILATING
TAG :D-9B

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0425

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : FCV-23-3	OPERABIL-ITY	40 YEARS	>40 YEARS	SL2-FSAR	PG.5-1 OF	COMB.	/	NONE	ACCEL TIME:
		180 DAYS	+40000CYCL	TBL3.11-2	NOTE 1	TEST &			288/400HRS
	NORM/TEST	POST DBA			PG.4-7 OF	EXTRA-			
EQUIPMENT: VALVE OPERATORS	DBA				NOTE 2	POL'N			ACCEL TEMP:
TYPE									268/248F
	TEMPERAT-URE	85.5F NORM	120F NORM	TAB25C	PG.4-21 OF	COMB.	H	NONE	
COMPONENT: CONTROL VALVE		FIG. C-2A	>SL2 DBA	SL2-FSAR	NOTE 1	TEST &			REPLACEMENT:
		112F1200HR	REQUIR.	TABLE311-1	FIG.3 OF	EXTRA-			FIG5,6 NOTE2
		104FDESIGN		T393	NOTE 2	POL'N			
MANUFACTURER: ASCO/NAMCO									MAINTAIN.:
	PRESSURE	ATMOS NORM	OPSIG NORM	PAB25C	PG.4-21 OF	COMB.	H	NONE	FIG5,6 NOTE2
		FIG. C-2B	>SL2 DBA	SL2-FSAR	NOTE 1	TEST &			
MAJOR SUPPLIER : WKM		(ACC. DBA)	REQUIR.	TABLE311-1	FIG.3 OF	EXTRA-			SUBCOMPONENTS:
				P393	NOTE 2	POL'N			
									NOTE 1:ASCO REPT.
MODEL AND: LS:EA18021302	RELATIVE HUMIDITY	70.0% NORM	>90.0%	HAB25C	PG.8.2 OF	COMB.	/	NONE	AQS21678/TR REV.A
SERIAL # S:NP831664E		100% 24HRS		SL2-FSAR	NOTE 1	TEST &			2.NAMCO REPT. QTR
		72.0%1200H		TABLE311-1	PG.4-4 OF	EXTRA-			105 DATED 8/80
FUNCT.DES: SG BLOWDOWN		43% DESIGN		H393	NOTE 2	POL'N			
& SERVICE CLOSES(CIAS)									
	CHEMICAL SPRAY	AREA NOT	NOT	CAB25	NOT	COMB.	M	NONE	
		SUBJECT TO	APPLICABLE	SL2-FSAR	APPLICABLE	TEST &			
		CHEMICAL		TABLE311-1		EXTRA-			
ACCUR. SPEC: NOT APPLICABLE		SPRAY				POL'N			
	R 2 HR	370 1.0E5	2.0E8	RAB25C	PG.4-4 OF	COMB.	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	A 30 D	4.0E5 5.2E5	TOTAL	SL2-FSAR	NOTE 1	TEST &			
	D 1 YR	6.1E5 7.3E5	INTEGRATD	TABLE311-1	PG.4-4 OF	EXTRA-			
	. 40YR/RW	1.0E4 5.0E5	DOSE	R393	NOTE 2	POL'N			
SPECIFICATIONS: 110									
	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
P.O #:422550 CWD # : 0319/									
PLANT LOC.: AB25									
	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	/	NONE	PAM
COORDINATES X- 613.0									
Y- 1537.0									AUTH. REFERENCE:
Z- 20.0									3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF:FV0327	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION
QUALIF EXEMPTN: NOT EXEMPT									
**********	OPERABILITY	3.2/9.2							PACKAGE:3.2/9.2
QUALIF QUALIFIED-FOR	TEMPERATURE T	3.2/9.2							
STATUS INTERIM OPERATION	PRESSURE P	3.2/9.2							
********	REL. HUMDTY H	3.2/9.2							
*	CHEM. SPRAY C	3.2/9.2	REFERENCES: 1.IEEE323-74,382-72						3
**********	RADIATION R	3.2/9.2							
PHYS DWG REF: 2998G-393	AGING	3.2/9.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	3.2/9.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.2/9.2	SAR ENV CAT: D								SYSTEM :BLOWDOWN
	0588 CATEG.: A								
	APPENDIX E								TAG :FCV-23-3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0426

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	2 DEM. QUALIF.	DOCUMENTATION ACTUAL	4 DEM. QUALIF.	5 QUALIF. METHOD	6 H/M	7 OUTS ITEMS	
TAG NO : FCV-23-5	OPERABIL-ITY	40 YEARS 180 DAYS	>40 YEARS +40000CYCL	SL2-FSAR TBL3.11-2	PG.5-1 OF NOTE 1 PG.4-7 OF	COMB. TEST & EXTRA-	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA	POST DBA			NOTE 2	POL'N			ACCEL TEMP: 268/248F
COMPONENT: CONTROL VALVE	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	120F NORM >SL2 DBA REQUIR.	TAB25C SL2-FSAR TABLE311-1 T393	PG.4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: FIG5,6 NOTE2
MANUFACTURER:ASCO/NAMCO	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	0PSIG NORM >SL2 DBA REQUIR.	PAB25C SL2-FSAR TABLE311-1 P393	PG.4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: FIG5,6 NOTE2
MAJOR SUPPLIER: WKM									SUBCOMPONENTS:
MODEL AND SERIAL #: S:NP8321A1E LS:EA180	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	>90.0%	HAB25C SL2-FSAR TABLE311-1 H393	PG.8.2 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1:ASCO REPT. AOS21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80
FUNCT.DES: & SERVICE SG BLOWDOWN CLOSES(CIAS)									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 370 1.0E5 30 D 4.0E5 5.2E5 1 YR 6.1E5 7.3E5 1.0E4 5.0E5	2.0E8 TOTAL INTEGRATD DOSE	RAB25C SL2-FSAR TABLE311-1 R393	PG.4-4 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:110									
P.O #:422550 CWD # : 0319/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB25									
COORDINATES X- 609.0 Y- 1501.0 Z- 20.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	/	NONE	PAM AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES INSTAL. REF:FV0328 QUALIF EXEMPTN: NOT EXEMPT	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2
********** *QUALIF* QUALIFIED-FOR *STATUS* INTERIM OPERATION ******** * **********	OPERABILITY TEMPERATURE T PRESSURE P REL. HUMDTY H CHEM. SPRAY C RADIATION R AGING SUBMERGENCE	3.2/9.2 3.2/9.2 3.2/9.2 3.2/9.2 3.2/9.2 3.2/9.2 3.2/9.2 3.2/9.2	REFERENCES: 1.IEEE323-74,382-72						
PHYS DWG REF: 2998G-393 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 3.2/9.2	SAR ENV CAT: D 10588 CATEG.: A APPENDIX E								REVISION # :03 DATE :08/30/82 SYSTEM :BLOWDOWN TAG :FCV-23-5

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0427

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : FCV-23-7	OPERABIL-ITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	>40 YEARS +40000CYCL	SL2-FSAR TBL3.11-2	PG.5-1 OF NOTE 1 PG.4-7 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 268/248F
COMPONENT: CONTROL VALVE	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	120F NORM >SL2 DBA REQUIR.	TAB25C SL2-FSAR TABLE311-1 T393	PG.4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: FIG5,6 NOTE2
MANUFACTURER: ASCO/NAMCO	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	OPSIG NORM >SL2 DBA REQUIR.	PAB25C SL2-FSAR TABLE311-1 P393	PG.4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: FIG5,6 NOTE2
MAJOR SUPPLIER : WKM									SUBCOMPONENTS:
MODEL AND: SERIAL # S:NP8321A1E	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	>90.0%	HAB25C SL2-FSAR TABLE311-1 H393	PG.8.2 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1:ASCO REPT. AQS21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80
FUNCT.DES: & SERVICE SG SAMPLE CLOSES(CIAS)									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 370 1.0E5 30 D 4.0E5 5.2E5 1 YR 6.1E5 7.3E5 1.0E4 5.0E5	2.0E8 TOTAL INTEGRATD DOSE	RAB25C SL2-FSAR TABLE311-1 R393	PG.4-4 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 110									
P.O #:422550 CWD # : 0461/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB25									
COORDINATES X- 603.0 Y- 1517.0 Z- 20.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	/	NONE	PAM AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									

INSTAL. REF:FVO329
QUALIF EXEMPTN: NOT EXEMPT

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.2/9.2
TEMPERATURE T	3.2/9.2
PRESSURE P	3.2/9.2
REL. HUMDTY H	3.2/9.2
CHEM. SPRAY C	3.2/9.2
RADIATION R	3.2/9.2
AGING	3.2/9.2
SUBMERGENCE	3.2/9.2

****
QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION
****
*
****

PHYS DWG REF: 2998G-393
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.2/9.2

SAR ENV CAT: D
O588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1. IEEE323-74,382-72
2. NAMCO LIMIT SWITCHES NOT INSTALLED PER FVO329.

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2

REVISION # :03
DATE :08/30/82

SYSTEM :BLOWDOWN

TAG :FCV-23-7

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0428

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FCV-23-9	OPERABIL-ITY	40 YEARS	>40 YEARS	SL2-FSAR	PG.5-1 OF	COMB.	/	NONE	ACCEL TIME:
		180 DAYS	+40000CYCL	TBL3.11-2	NOTE 1	TEST &			288/400HRS
	NORM/TEST	POST DBA			PG.4-7 OF	EXTRA-			
EQUIPMENT: VALVE OPERATORS	DBA				NOTE 2	POL'N	.		ACCEL TEMP:
TYPE									268/248F
	TEMPERAT-URE	85.5F NORM	120F NORM	TAB25C	PG.4-21 OF	COMB.	H	NONE	
COMPONENT: CONTROL VALVE		FIG. C-2A	>SL2 DBA	SL2-FSAR	NOTE 1	TEST &			REPLACEMENT:
		112F1200HR	REQUIR.	TABLE311-1	FIG.3 OF	EXTRA-			FIG5,6 NOTE2
		104FDESIGN		T393	NOTE 2	POL'N			
MANUFACTURER:ASCO/NAMCO									MAINTAIN.:
	PRESSURE	ATMOS NORM	OPSIG NORM	PAB25C	PG.4-21 OF	COMB.	H	NONE	FIG5,6 NOTE2
		FIG. C-2B	>SL2 DBA	SL2-FSAR	NOTE 1	TEST &			
MAJOR : WKM		(ACC. DBA)	REQUIR.	TABLE311-1	FIG.3 OF	EXTRA-			SUBCOMPONENTS:
SUPPLIER				P393	NOTE 2	POL'N			
									NOTE 1:ASCO REPT.
MODEL AND: BY FIELD	RELATIVE HUMIDITY	70.0% NORM	>90.0%	HAB25C	PG.8.2 OF	COMB.	/	NONE	AQS21678/TR REV.A
SERIAL #		100% 24HRS		SL2-FSAR	NOTE 1	TEST &			2.NAMCO REPT. QTR
		72.0%1200H		TABLE311-1	PG.4-4 OF	EXTRA-			105 DATED 8/80
FUNCT.DES: SG SAMPLE		43% DESIGN		H393	NOTE 2	POL'N			
& SERVICE CLOSES(CIAS)									
	CHEMICAL SPRAY	AREA NOT	NOT	CAB25	NOT	COMB.	M	NONE	
		SUBJECT TO	APPLICABLE	SL2-FSAR	APPLICABLE	TEST &			
		CHEMICAL		TABLE311-1		EXTRA-			
ACCUR. SPEC: NOT APPLICABLE		SPRAY				POL'N			
	R 2 HR	370 1.0E5	2.0E8	RAB25C	PG.4-4 OF	COMB.	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	A 30 D	4.0E5 5.2E5	TOTAL	SL2-FSAR	NOTE 1	TEST &			
	D 1 YR	6.1E5 7.3E5	INTEGRATD	TABLE311-1	PG.4-4 OF	EXTRA-			
	. 40YR/RW	1.0E4 5.0E5	DOSE	R393	NOTE 2	POL'N			
SPECIFICATIONS:110									
	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
P.O #:422550 CWD # : 0461/									
PLANT LOC.: AB25									
COORDINATES X- 608.0	SUBMERGED	NOT	NOT	NOT	NOT	COMB.	/	NONE	PAM
Y- 1498.0		APPLICABLE	APPLICABLE	APPLICABLE	APPLICABLE	TEST &			
Z- 20.0						EXTRA-			AUTH. REFERENCE:
						POL'N			3.9-10
INSTALLED (Y/N): NO									
INSTAL. REF:FV0330	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2
QUALIF EXEMPTN: NOT EXEMPT									
**********	OPERABILITY	3.2/9.2							
QUALIF QUALIFIED-FOR	TEMPERATURE T	3.2/9.2							
STATUS INTERIM OPERATION	PRESSURE P	3.2/9.2							
********	REL. HUMDTY H	3.2/9.2							
*	CHEM. SPRAY C	3.2/9.2	REFERENCES: 1.IEEE323-74,382-72						
**********	RADIATION R	3.2/9.2	2.FLD VERIFY TO HAVE NP 8300 SERIES SOLENOIDS.						
PHYS DWG REF: 2998G-393	AGING	3.2/9.2							
PHYS DWG LOC:	SUBMERGENCE	3.2/9.2							REVISION # :03
MOUNTING : NOT APPLICABLE									DATE :08/30/82
EQ PACK # : 3.2/9.2	SAR ENV CAT: D								SYSTEM :BLOWDOWN
	0588 CATEG.: A								
	APPENDIX E								TAG :FCV-23-9

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0429

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : FCV-25-1	OPERABIL-ITY	40 YRS CON <60 SEC POST DBA	40 YRS CON 40000CYCL	SL2-FSAR TBL 3.11-2 OPER.RVIEW	ASCO RPT AQS21678/TR REV.A	COMB. TEST & EXTRA-	/	NONE	ACCEL TIME: S:288HR(R4)
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA	<30000CYCL			NAMCO RPT	POL'N	.		ACCEL TEMP: S:268F(R4)
COMPONENT: CONTROL VALVE	TEMPERAT-URE	74.5F NORM 101F1200HR 93F DESIGN	120F NORM >SL2 DBA REQUIREMNT	TAB25B SL2-FSAR TABLE311-1 T393	PG 4-21 OF [REF.1]; FIG 1 OF [REF 2]	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 3
MANUFACTURER: ASCO/NAMCO									
MAJOR SUPPLIER : HENRY PRATT	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	OPSIG NORM >SL2 DBA REQUIREMNT	PAB25B SL2-FSAR TABLE311-1 P393	PG 4-21 OF [REF.1] FIG 1 OF REF.2	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 3 SUBCOMPONENTS:
MODEL AND: S:HTX8331A45E SERIAL # LS:EA74020100	RELATIVE HUMIDITY	60.0% NORM 100 %1200H 62% DESIGN	100%	HAB25B SL2-FSAR TABLE311-1 H393	PG.8-2 OF [REF 1] TSTPLN P11 -10 OF R2	COMB. TEST & EXTRA- POL'N	/	NONE	****NOTE;LIMIT SW. "LS";SOLENOIDS "S" "SOL" 1)BASED ON STATED REPL. SCHED 2)IEEE-323-74,344-75,382-72 USED IN QUAL. 3)SL2 LOCA CHARACTERISTICS ENVEL. BY TST DATA 4)REPL. NON NP 8300 SOLENOIDS.
FUNCT.DES: CONT ISOL & SERVICE CLOSE(CIAS)									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E4 4.0E5 7.8E4 6.1E5 1.1E5 5.0E3 5.0E4	2.0E8T.I.D	RAB25D SL2-FSAR TABLE311-1 R393	PG 4-4 OF [REF 1] PG4,APP. A OF REF.2	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 114									
P.O #:422537 CWD # : 0511/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG 5-1 OF REF 1 TSTPLN P11 -19 OF[R2]	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB25									
COORDINATES X- 628.0 Y- 1552.0 Z- 20.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	N/A	/	NONE	PAM AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0123									
QUALIF EXEMPTN: NOT APPLIC.									

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.2/9.2
TEMPERATURE T	3.2/9.2
PRESSURE P	3.2/9.2
REL. HUMDTY H	3.2/9.2
CHEM. SPRAY C	3.2/9.2
RADIATION R	3.2/9.2
AGING	3.2/9.2
SUBMERGENCE	3.2/9.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2

QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION
****

REFERENCES: 1)ASCO RPT AQS211678/TR REV A 2(NAMCO RPT 2/20/78 3)S:SEE SRS # A3.2 LS:SEE SRS # A9.3C 4)LSTIME:200HRS:LSTEMP:200F

PHYS DWG REF: 2998G-393
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.2/9.2

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

REVISION # :03
DATE :08/30/82

SYSTEM :CONTAINMENT PURGE
TAG :FCV-25-1

3

A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: 890 MW(E) | CES#-0431

EQUIPMENT DESCRIPTION		ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV DEM. QUALIF.	DOCUMENTATION ACTUAL	DOC DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO :	FCV-25-11 PB	OPERABILITY NORM/TEST DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: TYPE	CONTROL DEVICES									ACCEL TEMP: REF 1
COMPONENT:	LOCAL CNTRL STATION	TEMPERATURE	90.OF NORM 117F1200HR 109FDESIGN	REF 1	TAB27F SL2-FSAR TABLE311-1 T395	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER:	BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1	PAB27 SL2-FSAR TABLE311-1 P394	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER :	NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # :	B/M	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	REF 1	HAB27F SL2-FSAR TABLE311-1 H395	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE	LCL CONTROL OF TAG INDICATED									
ACCUR. SPEC:	NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB27 SL2-FSAR TABLE311-1	REF 1	NOT APPLICABLE	M	NONE	
ACCUR. DEM.:	NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	REF 1	RAB27J SL2-FSAR TABLE311-1 R395	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:	324									
P.O #:	422589 CWD # : 1176/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.:	AB27									
COORDINATES	X- 599.0 Y- 1539.0 Z- 43.0	SUBMERGED	NOT APPLICABLE	REF 1	NOT APPLICABLE	REF 1	NOT APPLICABLE	/	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N):	NO									
INSTAL. REF:	FVO124									
QUALIF EXEMPTN:	NOT EXEMPT									

PARAMETER	SUPPL. REVIEW
OPERABILITY	55.1
TEMPERATURE T	55.1
PRESSURE P	55.1
REL. HUMDTY H	55.1
CHEM. SPRAY C	55.1
RADIATION R	55.1
AGING	55.1
SUBMERGENCE	55.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1

REVISION # :03
DATE :08/30/82

SYSTEM :CONTAINMENT PURGE
TAG :FCV-25-11 PB

PHYS DWG REF: 2998G-395
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 55.1

QUALIF RETEST
STATUS
****
*

SAR ENV CAT: D
0588 CATEG.: B
APPENDIX E

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0433

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	DEM.	QUALIF.	DOCUMENTATION ACTUAL	DEM.	QUALIF.	METHOD	H/MI	OUTS ITEMS	
TAG NO : FCV-25-12 PB	OPERABIL-ITY	40 YEARS + TEST + 180 DAYS POST	REF 1		FSAR TABLE 3.11-2	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE	NORM/TEST DBA	DBA									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	90.0F NORM 117F 1200HR 109F DESIGN	REF 1		TAB27B SL2-FSAR TABLE311-1 T395	REF 1		COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1		PAB27 SL2-FSAR TABLE311-1 P394	REF 1		COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE											SUBCOMPONENTS:
MODEL AND SERIAL # : B/M	RELATIVE HUMIDITY	60.0% NORM 62.0% 1200H 39% DESIGN	REF 1		HAB27B SL2-FSAR TABLE311-1 H395	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES. & SERVICE: LCL CONTROL OF TAG INDICATED											
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1		CAB27 SL2-FSAR TABLE311-1	REF 1		NOT APPLIC ABLE	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 810 1.0E5 30 D 7.4E5 6.6E6 1 YR 1.1E6 6.6E6 2.0E4 6.6E6	REF 1		RAB27K SL2-FSAR TABLE311-1 R395	REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 324											
P.O #:422589 CWD # : 1177/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1		10CFR50 PARA 50.51	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB27											
COORDINATES X- 597.0 Y- 1519.0 Z- 47.0	SUBMERGED	NO AREA FLOODING	REF 1		SAB27 SL2-FSAR TABLE311-1	REF 1		NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): NO											
INSTAL. REF: FVO125	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #								QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT											
**********	OPERABILITY	55.1									
QUALIF RETEST	TEMPERATURE	T 55.1									
STATUS	PRESSURE	P 55.1									
********	REL. HUMDTY	H 55.1									
*	CHEM. SPRAY	C 55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982								
**********	RADIATION	R 55.1									
PHYS DWG REF: 2998G-395	AGING	55.1									
PHYS DWG LOC:	SUBMERGENCE	S 55.1									REVISION # :03
MOUNTING : NOT APPLICABLE											DATE :08/30/82
EQ PACK # : 55.1	SAR ENV CAT: D										
	0588 CATEG.: B										SYSTEM :CONTAINMENT PURGE
	APPENDIX E										TAG :FCV-25-12 PB

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0435

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : FCV-25-13 PB	OPERABIL-ITY NORM/TEST DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE							.		ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	90.OF NORM 117F1200HR 109FDESIGN	REF 1	TAB27B SL2-FSAR TABLE311-1 T395	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1	PAB27 SL2-FSAR TABLE311-1 P394	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : B/M	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	REF 1	HAB27B SL2-FSAR TABLE311-1 H395	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB27 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	REF 1	RAB27L SL2-FSAR TABLE311-1 R395	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:324									
P.O #:422589 CWD # : 1178/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB27									
COORDINATES X- 570.0 Y- 1523.0 Z- 43.0	SUBMERGED	NO AREA FLOODING	REF 1	SAB27 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): NO									
INSTAL. REF:FVO126	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1							
**********	TEMPERATURE T	55.1							
QUALIF RETEST	PRESSURE P	55.1							
STATUS	REL. HUMDTY H	55.1							
********	CHEM. SPRAY C	55.1							
*	RADIATION R	55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30.1982						
**********	AGING	55.1							
PHYS DWG REF: 2998G-395	SUBMERGENCE S	55.1							REVISION # :03 DATE :08/30/82
PHYS DWG LOC:									
MOUNTING : NOT APPLICABLE	SAR ENV CAT: D								SYSTEM :CONTAINMENT PURGE
EQ PACK # : 55.1	0588 CATEG.: B								TAG :FCV-25-13 PB
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0442

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : FCV-25-2	OPERABIL-ITY NORM/TEST DBA	40 YRS CON <60 SEC POST DBA <300000CYCL	40 YRS CON 400000CYCL	SL2-FSAR TBL 3.11-2 OPER.RVIEW	ASCO RPT AQS21678/TR REV.A NAMCO RPT	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: S:288HR(R4)
EQUIPMENT: VALVE OPERATORS TYPE	TEMPERAT-URE	110F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM FIG 10 (ACC DBA)	TRB19 SL2-FSAR TABLE311-1	PG 4-21 OF [REF.1]; FIG 1 OF [REF 2]	COMB. TEST & EXTRA-POL'N	H	NONE	ACCEL TEMP: S:268F(R4)
COMPONENT: CONTROL VALVE	PRESSURE	-.5PSIGNRM SL2-FSAR FIG 6.2-55 (ACC. DBA)	OPSIG NORM FIG 9 (ACC. DBA) SEE NOTES	PRB19 SL2-FSAR TABLE311-1 P365	PG 4-21 OF [REF.1] FIG 1 OF REF.2	COMB. TEST & EXTRA-POL'N	H	NONE	REPLACEMENT: REF 3
MANUFACTURER:ASCO/NAMCO MAJOR SUPPLIER : HENRY PRATT									MAINTAIN.: REF 3 SUBCOMPONENTS:
MODEL AND: S:NP8321A2E SERIAL # LS:EA-74080100	RELATIVE HUMIDITY	65% 100% (ACC. DBA)	100%	HRB19 SL2-FSAR TABLE311-1 H365	PG.8-2 OF [REF 1] TSTPLN P11 -10 OF R2	COMB. TEST & EXTRA-POL'N	/	NONE	****NOTE;LIMIT SW. "LS";SOLENOIDS "S" "SOL" 1)BASED ON STATED REPL. SCHED 2)IEEE-323-74,344-75,382-72 USED IN QUAL. 3)SL2 LOCA CHARACTERISTICS ENVEL. BY TST DATA 4)ALL INSTALLATNS TO BE FLD VRFD.
FUNCT.DES: & SERVICE CONT ISOL CLOSE(CIAS)	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CRB19 SL2-FSAR TABLE311-1 C365	NOT APPLICABLE	N/A	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	2.0E8T.I.D	RRB19 SL2-FSAR TABLE311-1 R365	PG 4-4 OF [REF 1] PG4,APP. A OF REF.2	COMB. TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS:114									
P.O #:422537 CWD # : 0512/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG 5-1 OF REF 1 TSTPLN P11 -19 OF[R2]	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB19									
COORDINATES X- 626.0 Y- 1540.0 Z- 33.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SRB19 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	N/A	H	NONE	PAM AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): NO									
INSTAL. REF:FV0127	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.2/9.2							
QUALIF QUALIFIED-FOR	TEMPERATURE T	3.2/9.2							
STATUS INTERIM OPERATION	PRESSURE P	3.2/9.2							
	REL. HUMDTY H	3.2/9.2							
	CHEM. SPRAY C	3.2/9.2	REFERENCES: 1)ASCO RPT AQS211678/TR REV A						
	RADIATION R	3.2/9.2	2(NAMCO RPT 2/20/78 3)S:SEE						
PHYS DWG REF: 2998G-365	AGING	3.2/9.2	SRS # A3.2 LS:SEE SRS # A9.3B						REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	3.2/9.2	4)LSTIME:200HRS:LSTEMP:200F						DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.2/9.2	SAR ENV CAT: A								SYSTEM :CONT. VAC. RELIEF
	0588 CATEG.: A								TAG :FCV-25-2
	APPENDIX E								

3

A/E: EBASCO SERVICES INC.
UTILITY: FLORIDA POWER & LIGHT

FACILITY: ST. LUCIE NO. 2
COMPONENT EVALUATION SHEET

NSSS: COMBUSTION ENG. - PWR
CAPACITY: 890 MW(E)

REV#- 3
CES#-0444

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FCV-25-21	OPERABIL-ITY	40 YRS CON <60 SEC POST DBA	40 YRS CON 40000CYCL	SL2-FSAR TBL 3.11-2 OPER.RVIEW	ASCO RPT AQS21678/T IR REV.A NAMCO RPT	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: S:288HR(R4)
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA	<30000CYCL							ACCEL TEMP: S:268F(R4)
COMPONENT: CONTROL VALVE	TEMPERAT-URE	90.OF NORM 117F1200HR 109FDESIGN	120F NORM >SL2 DBA REQUIREMNT	TAB27F SL2-FSAR TABLE311-1 T395	PG 4-21 OF [REF.1]; FIG 1 OF [REF 2]	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 3
MANUFACTURER: ASCO/NAMCO									
MAJOR SUPPLIER : HENRY PRATT	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	OPSIG NORM >SL2 DBA REQUIREMNT	PAB27 SL2-FSAR TABLE311-1 P394	PG 4-21 OF [REF.1] FIG 1 OF REF.2	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 3 SUBCOMPONENTS:
MODEL AND: SERIAL # LS:EA-740	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	100%	HAB27F SL2-FSAR TABLE311-1 H395	PG.8-2 OF [REF 1] TSTPLN P11 -10 OF R2	COMB. TEST & EXTRA- POL'N	/	NONE	****NOTE;LIMIT SW. "LS";SOLENOIDS "S" "SOL" 1)BASED ON STATED REPL. SCHED 2)IEEE-323-74,344-75,382-72 USED IN QUAL. 3)SL2 LOCA CHARACTERISTICS ENVEL. BY TST DATA 4)ALL INSTALLATNS TO BE FLD VRFD. 5)FLD VERIFY NP 8300 SOLENOIDS.
FUNCT.DES: & SERVICE CONT ISOL CLOSE(CIAS)									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	2.0E8T.I.D	RAB27J SL2-FSAR TABLE311-1 R395	PG 4-4 OF [REF 1] PG4,APP. A OF REF.2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 114									
P.O #:422537 CWD # : 1161/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG 5-1 OF REF 1 TSTPLN P11 -19 OF[R2]	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB27									
COORDINATES X- 609.0 Y- 1518.0 Z- 45.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	N/A	/	NONE	PAM AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): NO INSTAL. REF: FV0129 QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.2/9.2
TEMPERATURE T	3.2/9.2
PRESSURE P	3.2/9.2
REL. HUMDTY H	3.2/9.2
CHEM. SPRAY C	3.2/9.2
RADIATION R	3.2/9.2
AGING	3.2/9.2
SUBMERGENCE	3.2/9.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)ASCO RPT AQS211678/TR REV A 2(NAMCO RPT 2/20/78 3)SOL:SEE SRS # A3.2;LS:SEE SRS # A9.3 4)LSTIME:200HRSS;LSTEMP:200F

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2

REVISION # :03
DATE :08/30/82

SYSTEM :CONTAINMENT PURGE
TAG :FCV-25-21

3

QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION

PHYS DWG REF: 2998G-395
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.2/9.2

SAR ENV CAT: D
0588 CATEG.: A
APPENDIX E

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0447

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : FCV-25-26	OPERABIL-ITY /NORM/TEST /DBA	40 YRS CON <60 SEC POST DBA <30000CYCL	40 YRS CON 40000CYCL	SL2-FSAR TBL 3.11-2 OPER.RVIEW	ASCO RPT AQS21678/T R REV.A NAMCO RPT	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: S:288HR(R4)
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: S:268F(R4)
COMPONENT: CONTROL VALVE	TEMPERAT-URE	90.OF NORM 117F1200HR 109FDESIGN	120F NORM >SL2 DBA REQUIREMNT	TAB27F SL2-FSAR TABLE311-1 T395	PG 4-21 OF [REF.1]; FIG 1 OF [REF 2]	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 3
MANUFACTURER:ASCO/NAMCO	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	OPSIG NORM >SL2 DBA REQUIREMNT	PAB27 SL2-FSAR TABLE311-1 P394	PG 4-21 OF [REF.1] FIG 1 OF REF.2	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 3
MAJOR : HENRY PRATT SUPPLIER									SUBCOMPONENTS:
MODEL AND: SERIAL # LS:EA-740	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	100%	HAB27F SL2-FSAR TABLE311-1 H395	PG.8-2 OF [REF 1] TSTPLN P11 1-10 OF R2	COMB. TEST & EXTRA- POL'N	/	NONE	****NOTE;LIMIT SW. "LS";SOLENOIDS "S" "SOL" 1)BASED ON STATED REPL. SCHED 2)IEEE-323-74,344-75,382-72 USED IN QUAL. 3)SL2 LOCA CHARACTERISTICS ENVEL. BY TST DATA 4)ALL INSTALLATNS TO BE FLD VRFD.
FUNCT.DES: CONT ISOL & SERVICE CLOSE(CIAS)									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	2.0E8T.I.D	RAB27J SL2-FSAR TABLE311-1 R395	PG 4-4 OF [REF 1] PG4,APP. A OF REF.2	COMB. TEST & EXTRA- POL'N	H	NONE	5)FLD VERIFY NP 8300 SOLENOIDS.
SPECIFICATIONS:114									
P.O #:422537 CWD # : 1164/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG 5-1 OF REF 1 TSTPLN P11 1-19 OF[R2]	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB27									
COORDINATES X- 609.0 Y- 1516.0 Z- 45.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	N/A	/	NONE	PAM
INSTALLED (Y/N): NO									AUTH. REFERENCE: 3.9-10
INSTAL. REF:FVO130	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	3.2/9.2							
QUALIF QUALIFIED-FOR	TEMPERATURE T	3.2/9.2							
STATUS INTERIM OPERATION	PRESSURE P	3.2/9.2							
********	REL. HUMDTY H	3.2/9.2							
*	CHEM. SPRAY C	3.2/9.2	REFERENCES: 1)ASCO RPT AQS211678/TR REV A 2(NAMCO RPT 2/20/78 3)SOL:SEE SRS # A3.2;LS:SEE SRS # A9.3D 4)LSTIME:200HRS;LSTEMP:200F						
**********	RADIATION R	3.2/9.2							
PHYS DWG REF: 2998G-395	AGING	3.2/9.2							
PHYS DWG LOC:	SUBMERGENCE	3.2/9.2							REVISION # :03
MOUNTING : NOT APPLICABLE									DATE :08/30/82
EQ PACK # : 3.2/9.2	SAR ENV CAT: D								SYSTEM :CONTAINMENT PURGE
	0588 CATEG.: A								TAG :FCV-25-26
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0449

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. (2)	QUALIF.	DOCUMENTATION ACTUAL (3)	DEM. (4)	QUALIF.	METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FCV-25-29 PB	OPERABIL-ITY /NORM/TEST	40 YEARS + TEST + 180 DAYS POST DBA	REF 1		FSAR TABLE 3.11-2	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES	DBA	DBA									ACCEL TEMP: REF 1
TYPE	TEMPERAT-URE	90.OF NORM	REF 1		TAB27B SL2-FSAR TABLE311-1 T395	REF 1		COMB. TEST & EXTRA- POL'N	M	NONE	
COMPONENT: LOCAL CNTRL STATION		117F1200HR 109FDESIGN									REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1		PAB27 SL2-FSAR TABLE311-1 P394	REF 1		COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE											SUBCOMPONENTS:
MODEL AND SERIAL # : B/M	RELATIVE HUMIDITY	60.0% NORM	REF 1		HAB27B SL2-FSAR TABLE311-1 H395	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. RE
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED		62.0%1200H 39% DESIGN									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1		CAB27 SL2-FSAR TABLE311-1	REF 1		NOT APPLIC ABLE	M	NONE	MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS &
ACCUR. SPEC: NOT APPLICABLE											
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 17.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	REF 1		RAB27J SL2-FSAR TABLE311-1 R395	REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	MOV'S PRIMARILY FOR MAIN. & TEST. 3
SPECIFICATIONS: 324											
P.O #: 422589 CWD # : 1158/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1		10CFR50 PARA 50.51	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB27											
COORDINATES X- 598.0 Y- 1539.0 Z- 47.0	SUBMERGED	NO AREA FLOODING	REF 1		SAB27 SL2-FSAR TABLE311-1	REF 1		NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): NO											
INSTAL. REF: FV0639	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #								QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1									
**********	TEMPERATURE T	55.1									
QUALIF RETEST	PRESSURE P	55.1									
STATUS	REL. HUMDTY H	55.1									
********	CHEM. SPRAY C	55.1									
*	RADIATION R	55.1	REFERENCES: 1) VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK. VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT. 30, 1982								
**********	AGING	55.1									
PHYS DWG REF: 2998G-395	SUBMERGENCE S	55.1									
PHYS DWG LOC:											REVISION # : 03
MOUNTING : NOT APPLICABLE	SAR ENV CAT: D										DATE : 08/30/82
EQ PACK # : 55.1	0588 CATEG.: B										SYSTEM : HEATING & VENTILATING
	APPENDIX E										TAG : FCV-25-29 PB

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0450

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : FCV-25-3	OPERABIL-ITY	40 YRS CON <60 SEC POST DBA	40 YRS CON	SL2-FSAR TBL 3.11-2 OPER.RVIEW	ASCO RPT AQS21678/T R REV.A NAMCO RPT	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: S:288HR(R4)
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA	<30000CYCL	40000CYCL						ACCEL TEMP: S:268F(R4)
COMPONENT: CONTROL VALVE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM FIG 10 (ACC DBA)	TRB15 SL2-FSAR TABLE311-1 T365	PG 4-21 OF [REF.1]; FIG 1 OF [REF 2]	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 3
MANUFACTURER: ASCO/NAMCO	PRESSURE	OPSIG NORM FIG 9 (ACC. DBA)	OPSIG NORM FIG 9 (ACC. DBA) SEE NOTES	PRB15 SL2-FSAR TABLE311-1 P365	PG 4-21 OF [REF.1] FIG 1 OF REF.2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 3
MAJOR SUPPLIER : HENRY PRATT									SUBCOMPONENTS:
MODEL AND: S:HTX-8331A45E SERIAL # LS:EA-74020100	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	PG.8-2 OF [REF 1] TSTPLN P11 1-10 OF R2	COMB. TEST & EXTRA- POL'N	/	NONE	****NOTE;LIMIT SW. "LS";SOLENOIDS "S" "SOL" 1)BASED ON STATED REPL. SCHED 2)IEEE-323-74,344-75,382-72 USED IN QUAL. 3)SL2 LOCA CHARACTERISTICS ENVEL. BY TST DATA 4)REPL. NON NP 8300 SOLENOIDS. 5)CONAX MOD. INSTALLED PER FV0011.
FUNCT.DES: & SERVICE CONT ISOL CLOSE(CIAS)	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH9.5-10.5	CRB15 L2- SL2-FSAR TABLE311-1 C365	PG 4-4 OF [REF 1] PG 10 OF [REF 2]	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE	R A D	2 HR 30 D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8T.I.D	RRB15B SL2-FSAR TABLE311-1 R365	PG 4-4 OF [REF 1] PG4,APP. A OF REF.2	H	NONE	
ACCUR. DEM.: NOT APPLICABLE									
SPECIFICATIONS: 114	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG 5-1 OF REF 1 TSTPLN P11 1-19 OF[R2]	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
P.O #: 422537 CWD # : /									
PLANT LOC.: RB15									
COORDINATES X- 631.0 Y- 1540.0 Z- 33.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 L2- SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	N/A	H	NONE	PAM AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0331	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.2/9.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.2/9.2							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE	T 3.2/9.2							
	PRESSURE	P 3.2/9.2							
	REL. HUMDTY	H 3.2/9.2							
	CHEM. SPRAY	C 3.2/9.2		REFERENCES: 1)ASCO RPT AQS211678/TR REV A 2(NAMCO RPT 2/20/78 3)SOL:SEE SRS # A3.2;LS:SEE SRS # A9.3A 4)LSTIME:200HRS;LSTEMP:200F					3
	RADIATION	R 3.2/9.2							
PHYS DWG REF: 2998G-365	AGING	3.2/9.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 3.2/9.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.2/9.2	SAR ENV CAT: A								SYSTEM :CONTAINMENT PURGE
	0588 CATEG.: A								TAG :FCV-25-3
	APPENDIX E								

A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: 890 MW(E) | CES#-0452

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV DEM. QUALIF.	DOCUMENTATION ACTUAL	DOC DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : FCV-25-30 PB	OPERABIL-ITY NORM/TEST	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE		DBA							ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	90.OF NORM	REF 1	TAB27F SL2-FSAR TABLE311-1	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
		117F1200HR 109FDESIGN		T395					
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1	PAB27 SL2-FSAR TABLE311-1 P394	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : BY BILL OF MATL BY FIELD.	RELATIVE HUMIDITY	60.0% NORM	REF 1	HAB27F SL2-FSAR TABLE311-1	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
		62.0%1200H 39% DESIGN		H395					
FUNCT.DES: & SERVICE: LCL CONTROL OF TAG INDICATED	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB27 SL2-FSAR TABLE311-1	REF 1	NOT APPLICABLE	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	REF 1	RAB27J SL2-FSAR TABLE311-1 R395	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 324									
P.O #: 422589 CWD # : 1154/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB27									
COORDINATES X- 599.0 Y- 1539.0 Z- 47.0	SUBMERGED	NOT APPLICABLE	REF 1	NOT APPLICABLE	REF 1	NOT APPLICABLE	/	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): NO									
INSTAL. REF: FV0640	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 55.1
QUALIF EXEMPTN: NOT EXEMPT									
**********	OPERABILITY	55.1							
QUALIF RETEST	TEMPERATURE T	55.1							
STATUS	PRESSURE P	55.1							
********	REL. HUMDTY H	55.1							
*	CHEM. SPRAY C	55.1							
**********	RADIATION R	55.1	REFERENCES: 1) VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK. VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT. 30, 1982						
PHYS DWG REF: 2998G-395	AGING	55.1							REVISION # : 03
PHYS DWG LOC:	SUBMERGENCE	55.1							DATE : 08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 55.1	SAR ENV CAT: D								SYSTEM : HEATING & VENTILATING
	0588 CATEG.: B								TAG : FCV-25-30 PB
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0454

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM.	ENV. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM.	DOC. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : FCV-25-31 PB	OPERABIL-ITY NORM/TEST	40 YEARS + TEST + 180 DAYS POST DBA		REF 1	FSAR TABLE 3.11-2		REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES		DBA									ACCEL TEMP:
TYPE											REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	90.OF NORM 117F1200HR 109FDESIGN		REF 1	TAB27B SL2-FSAR TABLE311-1 T395		REF 1	COMB. TEST & EXTRA-POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC											MAINTAIN.:
	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)		REF 1	PAB27 SL2-FSAR TABLE311-1 P394		REF 1	COMB. TEST & EXTRA-POL'N	M	NONE	REF 1
MAJOR SUPPLIER : NOT APPLICABLE											SUBCOMPONENTS:
MODEL AND SERIAL #: B/M	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN		REF 1	HAB27B SL2-FSAR TABLE311-1 H395		REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. RE
FUNCT.DES: & SERVICE: LCL CONTROL OF TAG INDICATED											
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY		REF 1	CAB27 SL2-FSAR TABLE311-1		REF 1	NOT APPLICABLE	M	NONE	MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6		REF 1	RAB27K SL2-FSAR TABLE311-1 R395		REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS: 324											
P.O #:422589 CWD # : 1155/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS		REF 1	10CFR50 PARA 50.51		REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB27											
COORDINATES X- 597.0 Y- 1519.0 Z- 47.0	SUBMERGED	NO AREA FLOODING		REF 1	SAB27 SL2-FSAR TABLE311-1		REF 1	NOT APPLICABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): NO											
INSTAL. REF: FV0641	PARA-METER	SUPPL. REVIEW			FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1									
**********	TEMPERATURE T	55.1									
QUALIF RETEST	PRESSURE P	55.1									
STATUS	REL. HUMDTY H	55.1									
********	CHEM. SPRAY C	55.1									
*	RADIATION R	55.1			REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
**********	AGING	55.1									
PHYS DWG REF: 2998G-395	SUBMERGENCE S	55.1									REVISION # :03 DATE :08/30/82
PHYS DWG LOC:											
MOUNTING : NOT APPLICABLE											SYSTEM :HEATING & VENTILATING
EQ PACK # : 55.1	SAR ENV CAT: D										TAG :FCV-25-31 PB
	0588 CATEG.: B										
	APPENDIX E										

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0456

EQUIPMENT DESCRIPTION	PARAMETER	ACTUAL	DEM.	QUALIF.	ACTUAL	DEM.	QUALIF.	METHOD	H/M	ITEMS	
		1	2		3	4		5	6	7	
TAG NO : FCV-25-32 PB	OPERABIL-ITY NORM/TEST DBA	40 YEARS + TEST + 180 DAYS POST DBA		REF 1	FSAR TABLE 3.11-2		REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE											ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	90.OF NORM 117F1200HR 109FDESIGN		REF 1	TAB27F SL2-FSAR TABLE311-1 T395		REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)		REF 1	PAB27 SL2-FSAR TABLE311-1 P394		REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE											SUBCOMPONENTS:
MODEL AND SERIAL # : B/M	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN		REF 1	HAB27F SL2-FSAR TABLE311-1 H395		REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED											
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY		REF 1	CAB27 SL2-FSAR TABLE311-1		REF 1	NOT APPLICABLE	M	NONE	
ACCUR. SPEC: NOT APPLICABLE											
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6		REF 1	RAB27J SL2-FSAR TABLE311-1 R395		REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:324											
P.O #:422589 CWD # : 1156/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS		REF 1	10CFR50 PARA 50.51		REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB27											
COORDINATES X- 600.0 Y- 1540.0 Z- 47.0	SUBMERGED	NOT APPLICABLE		REF 1	NOT APPLICABLE		REF 1	NOT APPLIC ABLE	/	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): NO											
INSTAL. REF:FV0642	PARAMETER	SUPPL. REVIEW			FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1									
QUALIF RETEST *STATUS*	TEMPERATURE T	55.1									
	PRESSURE P	55.1									
	REL. HUMDTY H	55.1									
	CHEM. SPRAY C	55.1			REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
	RADIATION R	55.1									
PHYS DWG REF: 2998G-395	AGING	55.1									REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	55.1									DATE :08/30/82
MOUNTING : NOT APPLICABLE											
EQ PACK # : 55.1	SAR ENV CAT: D										SYSTEM :HEATING & VENTILATING
	0588 CATEG.: B										TAG :FCV-25-32 PB
	APPENDIX E										

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0458

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	1	DEM.	2	QUALIF.	DOCUMENTATION ACTUAL	3	DEM.	4	QUALIF. METHOD	5	H/M	6	OUTS ITEMS	7	
TAG NO : FCV-25-33 PB	OPERABIL-ITY	40 YEARS + TEST + 180 DAYS POST		REF 1			FSAR TABLE 3.11-2		REF 1		COMB. TEST & EXTRA- POL'N		/		NONE		ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE	NORM/TEST DBA	DBA															ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	90.OF NORM		REF 1			TAB27B SL2-FSAR TABLE311-1 T395		REF 1		COMB. TEST & EXTRA- POL'N		M		NONE		REPLACEMENT: REF 1
		117F1200HR															
		109FDESIGN															
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)		REF 1			PAB27 SL2-FSAR TABLE311-1 P394		REF 1		COMB. TEST & EXTRA- POL'N		M		NONE		MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE																	SUBCOMPONENTS:
MODEL AND SERIAL # : B/M	RELATIVE HUMIDITY	60.0% NORM		REF 1			HAB27B SL2-FSAR TABLE311-1 H395		REF 1		COMB. TEST & EXTRA- POL'N		/		NONE		NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. RE
		62.0%1200H															
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED		39% DESIGN															
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY		REF 1			CAB27 SL2-FSAR TABLE311-1		REF 1		NOT APPLIC ABLE		M		NONE		MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS &
ACCUR. SPEC: NOT APPLICABLE																	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR	810 1.0E5		REF 1			RAB27K SL2-FSAR TABLE311-1 R395		REF 1		COMB. TEST & EXTRA- POL'N		H		NONE		MOV'S PRIMARILY FOR MAIN. & TEST.
	A 30 D	7.4E5 6.6E6															
	D 1 YR	1.1E6 6.6E6															
SPECIFICATIONS:324	. 40YR/RW	2.0E4 6.6E6															
P.O #:422589 CWD # : 1157/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS		REF 1			10CFR50 PARA.50.51		REF 1		COMB. TEST & EXTRA- POL'N		/		NONE		SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB27																	
COORDINATES X- 597.0 Y- 1519.0 Z- 47.0	SUBMERGED	NO AREA FLOODING		REF 1			SAB27 SL2-FSAR TABLE311-1		REF 1		NOT APPLIC ABLE		M		NONE		AUTH. REFERENCE: 3.112
INSTALLED (Y/N): NO																	
INSTAL. REF:FV0643	PARA-METER	SUPPL. REVIEW		FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #													QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1															
**********	TEMPERATURE	T 55.1															
QUALIF RETEST	PRESSURE	P 55.1															
STATUS	REL. HUMDTY	H 55.1															
********	CHEM. SPRAY	C 55.1															
*	RADIATION	R 55.1		REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982													
**********	AGING	55.1															
PHYS DWG REF: 2998G-395	SUBMERGENCE	S 55.1															REVISION # :03
PHYS DWG LOC:																	DATE :08/30/82
MOUNTING : NOT APPLICABLE																	
EQ PACK # : 55.1	SAR ENV CAT: D																SYSTEM :HEATING & VENTILATING
	0588 CATEG.: B																TAG :FCV-25-33 PB
	APPENDIX E																

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0460

EQUIPMENT DESCRIPTION		ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO :	FCV-25-34 PB	OPERABIL-ITY NORM/TEST	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: TYPE	CONTROL DEVICES	DBA	DBA							ACCEL TEMP: REF 1
COMPONENT:	LOCAL CNTRL STATION	TEMPERAT-URE	90.OF NORM 117F1200HR 109FDESIGN	REF 1	TAB27B SL2-FSAR TABLE311-1 T395	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER:	BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1	PAB27 SL2-FSAR TABLE311-1 P394	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR : SUPPLIER	NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND: SERIAL #	B/M	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	REF 1	HAB27B SL2-FSAR TABLE311-1 H395	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE	LCL CONTROL OF TAG INDICATED	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB27 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	
ACCUR. SPEC:	NOT APPLICABLE									
ACCUR. DEM.:	NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	REF 1	RAB27K SL2-FSAR TABLE311-1 R395	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:	324									
P.O #:	422589 CWD # : 1159/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.:	AB27									
COORDINATES X-	597.0	SUBMERGED	NO		SAB27		NOT	M	NONE	
Y-	1519.0		AREA FLOODING	REF 1	SL2-FSAR TABLE311-1	REF 1	APPLIC ABLE			
Z-	47.0									AUTH. REFERENCE: 3.112
INSTALLED (Y/N):	NO									
INSTAL. REF:	FV0644	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN:	NOT EXEMPT	OPERABILITY	55.1							
QUALIF STATUS*	RETEST	TEMPERATURE	T 55.1							
		PRESSURE	P 55.1							
		REL. HUMDTY	H 55.1							
		CHEM. SPRAY	C 55.1							
		RADIATION	R 55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
PHYS DWG REF:	2998G-395	AGING	55.1							REVISION # :03 DATE :08/30/82
PHYS DWG LOC:		SUBMERGENCE	S 55.1							
MOUNTING :	NOT APPLICABLE									SYSTEM :HEATING & VENTILATING
EQ PACK # :	55.1	SAR ENV CAT:	D							TAG :FCV-25-34 PB
		0588 CATEG.:	B							
		APPENDIX E								

3

A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: 890 MW(E) | CES#-0461

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : FCV-25-4	OPERABIL-ITY /NORM/TEST /DBA	40 YRS CON /<60 SEC /POST DBA /<30000CYCL	40 YRS CON / / 40000CYCL	SL2-FSAR /TBL 3.11-2 /OPER.RVIEW /	ASCO RPT /AQS21678/T /R REV.A /NAMCO RPT	COMB. /TEST & /EXTRA- /POL'N	/	NONE	ACCEL TIME: S:288HR(R4)
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: S:268F(R4)
COMPONENT: CONTROL VALVE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM FIG 10 (ACC DBA)	TRB16 SL2-FSAR TABLE311-1 T366	PG 4-21 OF [REF.1]; FIG 1 OF [REF 2]	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 3
MANUFACTURER: ASCO/NAMCO									MAINTAIN.: REF 3
MAJOR SUPPLIER : HENRY PRATT	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM FIG 9 (ACC. DBA) SEE NOTES	PRB16 SL2-FSAR TABLE311-1 P366	PG 4-21 OF [REF.1] FIG 1 OF REF.2	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: SERIAL # LS:EA-74020100	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB16 SL2-FSAR TABLE311-1 H366	PG.8-2 OF [REF 1] TSTPLN P11 1-10 OF R2	COMB. TEST & EXTRA- POL'N	/	NONE	****NOTE;LIMIT SW. "LS";SOLENOIDS "S" "SOL" 1)BASED ON STATED REPL. SCHED 2)IEEE-323-74,344-75,382-72 USED IN
FUNCT.DES: & SERVICE CONT ISOL CLOSE(CIAS)	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH9.5-10.5	CRB16 SL2-FSAR TABLE311-1 C366	PG 4-4 OF [REF 1] PG 10 OF [REF 2]	COMB. TEST & EXTRA- POL'N	H	NONE	QUAL. 3)SL2 LOCA CHARACTERISTICS ENVEL. BY TST DATA 4)FLD VERIFY NP 8300 SOLENOIDS.
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 12.7E6 5.2E5 30 D 14.0E7 3.2E6 1 YR 14.8E7 3.8E6 40YR/RW 13.0E4 1.5E6	2.0E8T.I.D	RRB16B SL2-FSAR TABLE311-1 R366	PG 4-4 OF [REF 1] PG4,APP. A OF REF.2	COMB. TEST & EXTRA- POL'N	H	NONE	5)CONAX MOD. NOT INSTALLED PER FV0012.
SPECIFICATIONS: 114									
P.O #:422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS REF.3,4	10CFR50 PARA 50.51	PG 5-1 OF REF 1 TSTPLN P11 1-19 OF[R2]	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB16									
COORDINATES X- 618.0 Y- 1499.0 Z- 45.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB16 SL2-FSAR TABLE311-1 S366	NOT APPLICABLE	N/A	H	NONE	PAM AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0098	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	3.2/9.2							
QUALIF QUALIFIED-FOR	TEMPERATURE	T 3.2/9.2							
STATUS INTERIM OPERATION	PRESSURE	P 3.2/9.2							
********	REL. HUMDTY	H 3.2/9.2							
*	CHEM. SPRAY	C 3.2/9.2	REFERENCES: 1)ASCO RPT AQS211678/TR REV A 2(NAMCO RPT 2/20/78 3)SOL:SEE SRS # A3.2;LS:SEE SRS # A9.3A 4)LSTIME:200HRS;LSTEMP:200F						
**********	RADIATION	R 3.2/9.2							
PHYS DWG REF: 2998G-366	AGING	3.2/9.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 3.2/9.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.2/9.2	SAR ENV CAT: A								SYSTEM :CONTAINMENT PURGE
	0588 CATEG.: A								TAG :FCV-25-4
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0462

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FCV-25-5	OPERABIL-ITY NORM/TEST	40 YRS CON <60 SEC POST DBA	40 YRS CON	SL2-FSAR TBL 3.11-2 OPER.RVIEW	ASCO RPT AQS21678/T R REV.A NAMCO RPT	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: S:288HR(R4)
EQUIPMENT: VALVE OPERATORS TYPE	DBA	<30000CYCL	40000CYCL						ACCEL TEMP: S:268F(R4)
COMPONENT: CONTROL VALVE	TEMPERAT-URE	110F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM FIG 10 (ACC DBA)	TRB19 SL2-FSAR TABLE311-1	PG 4-21 OF [REF.1]; FIG 1 OF [REF 2]	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 3
MANUFACTURER: ASCO/NAMCO	PRESSURE	-.5PSIGNRM SL2-FSAR FIG 6.2-55 (ACC. DBA)	OPSIG NORM FIG 9 (ACC. DBA) SEE NOTES	PRB19 SL2-FSAR TABLE311-1 P365	PG 4-21 OF [REF.1] FIG 1 OF REF.2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 3
MAJOR SUPPLIER : HENRY PRATT									SUBCOMPONENTS:
MODEL AND SERIAL # : LS:EA-740220100	RELATIVE HUMIDITY	65% 100% (ACC. DBA)	100%	HRB19 SL2-FSAR TABLE311-1 H365	PG.8-2 OF [REF 1] TSTPLN P11 -10 OF R2	COMB. TEST & EXTRA- POL'N	/	NONE	****NOTE;LIMIT SW. "LS":SOLENOIDS "S" "SOL" 1)BASED ON STATED REPL. SCHED 2)IEEE-323-74,344-75,382-72 USED IN QUAL. 3)SL2 LOCA CHARACTERISTICS ENVEL. BY TST DATA 4)FLD VERIFY NP 8300 SOLENOIDS.
FUNCT.DES: & SERVICE CONT ISOL CLOSE(CIAS)									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CRB19 SL2-FSAR TABLE311-1 C365	NOT APPLICABLE	N/A	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	2.0E8T.I.D	RRB19 SL2-FSAR TABLE311-1 R365	PG 4-4 OF [REF 1] PG4,APP. A OF REF.2	COMB. TEST & EXTRA- POL'N	H	NONE
SPECIFICATIONS: 114									
P.O #:422537 CWD # : 0511/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG 5-1 OF REF 1 TSTPLN P11 -19 OF[R2]	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB19									
COORDINATES X- 615.0 Y- 1496.0 Z- 54.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SRB19 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	N/A	H	NONE	PAM
INSTALLED (Y/N): YES									AUTH. REFERENCE: 3.9-10
INSTAL. REF: FV0099	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.2/9.2							
**********	TEMPERATURE T	3.2/9.2							
QUALIF QUALIFIED-FOR	PRESSURE P	3.2/9.2							
STATUS INTERIM OPERATION	REL. HUMDTY H	3.2/9.2							
********	CHEM. SPRAY C	3.2/9.2							
* *	RADIATION R	3.2/9.2							
**********	AGING	3.2/9.2							
PHYS DWG REF: 2998G-365	SUBMERGENCE S	3.2/9.2							
PHYS DWG LOC:			REFERENCES: 1)ASCO RPT AQS211678/TR REV A 2(NAMCO RPT 2/20/78 3)SOL:SEE SRS # A3.2;LS:SEE SRS # A9.3B 4)LSTIME:200HRS;LSTEMP:200F						
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.2/9.2	SAR ENV CAT: A								REVISION # :03
	0588 CATEG.: A								DATE :08/30/82
	APPENDIX E								SYSTEM :CONTAINMENT PURGE
									TAG :FCV-25-5

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0463

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : FCV-25-6	OPERABIL-ITY /NORM/TEST /DBA	40 YRS CON <60 SEC POST DBA <30000CYCL	40 YRS CON / / 40000CYCL	SL2-FSAR TBL 3.11-2 OPER.RVIEW	ASCO RPT /AOS21678/T /R REV.A /NAMCO RPT	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: S:288HR(R4)
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: S:268F(R4)
COMPONENT: CONTROL VALVE	TEMPERAT-URE	90.OF NORM / 117F1200HR /109FDESIGN	120F NORM />SL2 DBA /REQUIREMNT	TAB27F SL2-FSAR TABLE311-1 T395	PG 4-21 OF [REF.1]; FIG 1 OF [REF 2]	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 3
MANUFACTURER: ASCO/NAMCO									MAINTAIN.: REF 3
MAJOR SUPPLIER: HENRY PRATT	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	OPSIG NORM />SL2 DBA /REQUIREMNT	PAB27 SL2-FSAR TABLE311-1 P394	PG 4-21 OF [REF.1] FIG 1 OF REF.2	COMB. TEST & EXTRA- POL'N	M	NONE	SUBCOMPONENTS:
MODEL AND: SERIAL # LS:EA-74020100	RELATIVE HUMIDITY	60.0% NORM / 62.0%1200H / 39% DESIGN	100%	HAB27F SL2-FSAR TABLE311-1 H395	PG.8-2 OF [REF 1] TSTPLN P11 -10 OF R2	COMB. TEST & EXTRA- POL'N	/	NONE	****NOTE;LIMIT SW. "LS";SOLENOIDS "S" "SOL" 1)BASED ON STATED REPL. SCHED 2)IEEE-323-74,344-75,382-72 USED IN QUAL. 3)SL2 LOCA CHARACTERISTICS ENVEL. BY TST DATA 4)FLD VERIFY NP 8300 SOLENOIDS.
FUNCT.DES: & SERVICE CONT ISOL CLOSE(CIAS)									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR / A 30 D / D 1 YR / . 40YR/RW	810 1.0E5 / 7.4E5 6.6E6 / 1.1E6 6.6E6 / 2.0E4 6.6E6	2.0E8T.I.D	RAB27J SL2-FSAR TABLE311-1 R395	PG 4-4 OF [REF 1] PG4,APP. A OF REF.2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 114									
P.O #:422537 CWD # : 0512/	AGE- /INST LIFE /(PER 323- /1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG 5-1 OF REF 1 TSTPLN P11 -19 OF[R2]	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB27									ESF
COORDINATES X- 609.0 Y- 1493.0 Z- 43.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	N/A	/	NONE	PAM
									AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0131	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.2/9.2							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE	T 3.2/9.2							
	PRESSURE	P 3.2/9.2							
	REL. HUMDTY	H 3.2/9.2							
	CHEM. SPRAY	C 3.2/9.2							
	RADIATION	R 3.2/9.2	REFERENCES: 1)ASCO RPT AOS211678/TR REV A 2(NAMCO RPT 2/20/78 3)SOL:SEE SRS # A3.2:LS:SEE SRS # A9.3D 4)LSTIME:200HRS:LSTEMP:200F						
PHYS DWG REF: 2998G-395	AGING	3.2/9.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	3.2/9.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.2/9.2	SAR ENV CAT: D								SYSTEM :CONTAINMENT PURGE
	0588 CATEG.: A								TAG :FCV-25-6
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0464

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FCV-25-7	OPERABIL-ITY /NORM/TEST /DBA	40 YRS CON <60 SEC POST DBA <30000CYCL	40 YRS CON 40000CYCL	SL2-FSAR TBL 3.11-2 OPER.RVIEW	ASCO RPT AQS21678/TR REV.A NAMCO RPT	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: S:288HR(R4)
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: S:268F(R4)
COMPONENT: CONTROL VALVE	TEMPERAT-URE	110F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM FIG 10 (ACC DBA)	TRB19 SL2-FSAR TABLE311-1	PG 4-21 OF [REF.1]; FIG 1 OF [REF 2]	COMB. TEST & EXTRA-POL'N	H	NONE	REPLACEMENT: REF 3
MANUFACTURER:ASCO/NAMCO									MAINTAIN.: REF 3
MAJOR : HENRY PRATT SUPPLIER	PRESSURE	-.5PSIGNRM SL2-FSAR FIG 6.2-55 (ACC. DBA)	OPSIG NORM FIG 9 (ACC. DBA) SEE NOTES	PRB19 SL2-FSAR TABLE311-1 P365	PG 4-21 OF [REF.1] FIG 1 OF REF.2	COMB. TEST & EXTRA-POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: SERIAL # LS:EA-740	RELATIVE HUMIDITY	65% 100% (ACC. DBA)	100%	HRB19 SL2-FSAR TABLE311-1 H365	PG.8-2 OF [REF 1] TSTPLN P11 -10 OF R2	COMB. TEST & EXTRA-POL'N	/	NONE	****NOTE;LIMIT SW. "LS";SOLENOIDS "S" "SOL" 1)BASED ON STATED REPL. SCHED 2)IEEE-323-74,344-75,382-72 USED IN QUAL. 3)SL2 LOCA CHARACTERISTICS ENVEL. BY TST DATA 4)ALL INSTALLATNS TO BE FLD VRFD. 5)FLD VERIFY NP 8300 SOLENOIDS.
FUNCT.DES: & SERVICE CONT VACM RLF CLOSE/OPEN									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CRB19 SL2-FSAR TABLE311-1 C365	NOT APPLICABLE	N/A	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	2.0E8T.I.D	RRB19 SL2-FSAR TABLE311-1 R365	PG 4-4 OF [REF 1] PG4,APP.. A OF REF.2	COMB. TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS:114									
P.O #:422537 CWD # : 0529/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG 5-1 OF REF 1 TSTPLN P11 -19 OF[R2]	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB19									ESF
COORDINATES X- 742.0 Y- 1455.0 Z- 72.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SRB19 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	N/A	H	NONE	PAM
									AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): NO									
INSTAL. REF:FV0132	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.2/9.2							
QUALIF QUALIFIED-FOR	TEMPERATURE T	3.2/9.2							
STATUS INTERIM OPERATION	PRESSURE P	3.2/9.2							
	REL. HUMDTY H	3.2/9.2							
	CHEM. SPRAY C	3.2/9.2	REFERENCES: 1)ASCO RPT AQS211678/TR REV A 2(NAMCO RPT 2/20/78 3)SOL:SEE SRS # A3.2;LS:SEE SRS # A9.3B 4)LSTIME 200HRS;LSTEMP:200F						
	RADIATION R	3.2/9.2							
PHYS DWG REF: 2998G-365	AGING	3.2/9.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	3.2/9.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.2/9.2	SAR ENV CAT: A								SYSTEM :CONT. VAC. RELIEF
	0588 CATEG.: A								TAG # :FCV-25-7
	APPENDIX E								

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0465

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FCV-25-8	OPERABIL-ITY	40 YRS CON <60 SEC	40 YRS CON	SL2-FSAR TBL 3.11-2	ASCO RPT AQS21678/T	COMB. TEST &	/	NONE	ACCEL TIME: S:288HR(R4)
	NORM/TEST	POST DBA		OPER.RVIEW	R REV.A	EXTRA-			
EQUIPMENT: VALVE OPERATORS	DBA	<30000CYCL	40000CYCL		NAMCO RPT	POL'N			ACCEL TEMP:
TYPE									S:268F(R4)
	TEMPERAT-URE	110F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM FIG 10 (ACC DBA)	TR819 SL2-FSAR TABLE311-1	PG 4-21 OF [REF.1]; FIG 1 OF [REF 2]	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 3
COMPONENT: CONTROL VALVE									
MANUFACTURER: ASCO/NAMCO									MAINTAIN.: REF 3
	PRESSURE	-.5PSIGNRM SL2-FSAR FIG 6.2-55 (ACC. DBA)	OPSIG NORM FIG 9 (ACC. DBA) SEE NOTES	PR819 SL2-FSAR TABLE311-1 P365	PG 4-21 OF [REF.1] FIG 1 OF REF.2	COMB. TEST & EXTRA- POL'N	H	NONE	
MAJOR SUPPLIER : HENRY PRATT									SUBCOMPONENTS:
MODEL AND: SERIAL # LS:EA-740	RELATIVE HUMIDITY	65% 100% (ACC. DBA)	100%	HR819 SL2-FSAR TABLE311-1 H365	PG.8-2 OF [REF 1] TSTPLN P11 -10 OF R2	COMB. TEST & EXTRA- POL'N	/	NONE	****NOTE:LIMIT SW. "LS";SOLENOIDS "S" "SOL" 1)BASED ON STATED REPL. SCHED 2)IEEE-323-74,344-75,382-72 USED IN QUAL. 3)SL2 LOCA CHARACTERISTICS ENVEL. BY TST DATA 4)ALL INSTALLATNS TO BE FLD VRFD.
FUNCT.DES: CONT VACM RLF & SERVICE CLOSE/OPEN									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CR819 SL2-FSAR TABLE311-1 C365	NOT APPLICABLE	N/A	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	2.0E8T.I.D	RR819 SL2-FSAR TABLE311-1 R365	PG 4-4 OF [REF 1] PG4,APP. A OF REF.2	COMB. TEST & EXTRA- POL'N	H	NONE	5)FLD VERIFY NP 8300 SOLENOIDS.
SPECIFICATIONS: 114									
P.O #:422537 CWD # : 0529/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG 5-1 OF REF 1 TSTPLN P11 -19 OF[R2]	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB19									
COORDINATES X- 734.0 Y- 1444.0 Z- 72.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SR819 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	N/A	H	NONE	PAM AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): NO									
INSTAL. REF:FV0133	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	3.2/9.2							
QUALIF QUALIFIED-FOR	TEMPERATURE	T 3.2/9.2							
STATUS INTERIM OPERATION	PRESSURE	P 3.2/9.2							
********	REL. HUMDTY	H 3.2/9.2							
*	CHEM. SPRAY	C 3.2/9.2	REFERENCES: 1)ASCO RPT AQS211678/TR REV A 2(NAMCO RPT 2/20/78 3)SOL:SEE SRS # A3.2;LS:SEE SRS # A9.3B 4)LSTIME:200HRS;LSTEMP:200F						
**********	RADIATION	R 3.2/9.2							
PHYS DWG REF: 2998G-365	AGING	3.2/9.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 3.2/9.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.2/9.2	SAR ENV CAT: A								SYSTEM :CONT. VAC. RELIEF
	0588 CATEG.: A								TAG :FCV-25-8
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0466

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FCV-26-1	OPERABIL-ITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	40 YEARS + 40000 CYCL	SL2-FSAR TBL 3.11-2	PG 5-1 OF NOTE 1 PG 4-7 OF NOTE 2	COMB TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 268/240F
COMPONENT: CONTROL VALVE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM > SL2 DBA REQUIREMNT	TRB15 SL2-FSAR TABLE311-1 T365	PG 4-21 OF NOTE 1 FIG 3 OF NOTE 2	COMB TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SRS#A3.2 FIG 5,6NOTE2
MANUFACTURER: ASCO/NAMCO									MAINTAIN.:
MAJOR : VALTEK-MARK II SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM > SL2 DBA REQUIREMNT	PRB15 SL2-FSAR TABLE311-1 P365	PG 4-21 OF NOTE 1 FIG 3 OF NOTE 2	COMB TEST & EXTRA- POL'N	H	NONE	SRS#A3.2 FIG 5,6NOTE2 SUBCOMPONENTS:
MODEL AND: S:NP8344A75E SERIAL # LS:EA180323	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	> 40.0%	HRB15 SL2-FSAR TABLE311-1 H365	PG 8-2 OF NOTE 1 PG 4-4 OF NOTE 2	COMB TEST & EXTRA- POL'N	/	NONE	NOTES: 1)ASCO REPORT AQS21678/TR REV A. 2)NAMCO REPORT QTR 105 DATED 8/80
FUNCT.DES: RAD MONIT ISOL & SERVICE CLOSES(CIAS)									3)ALL INSTAL-LATIONS TO BE FLD VERIFIED AT ELEV > 26FT.
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 9.5-10.0	CRB15 SL2-FSAR TABLE311-1 C365	PG 4-4 OF NOTE 1 PG 10-51 OF NOTE 2	COMB TEST & EXTRA- POL'N	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	PG 4-4 OF NOTE 1 PG 4-4 OF NOTE 2	COMB TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 110D									
P.O #:422714 CWD # : 0320/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG 5-1 OF NOTE 1 PG 4-4 OF NOTE 2	COMB TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB15									
COORDINATES X- 627.0 Y- 1534.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOTE 3	SRB15 SL2-FSAR TABLE311-1 S365	NOTE 3	COMB TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): NO									
INSTAL. REF: FV0134									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.2/9.2
TEMPERATURE T	3.2/9.2
PRESSURE P	3.2/9.2
REL. HUMDTY H	3.2/9.2
CHEM. SPRAY C	3.2/9.2
RADIATION R	3.2/9.2
AGING	3.2/9.2
SUBMERGENCE S	3.2/9.2

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

****
QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION
****
*
****

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.2/9.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1. IEEE 323-74, 382-72.
2. MODEL #'S OF S (SOLENOID) & LS (LIMIT SWITCHES) ARE SHOWN FROM VENDOR DWGS.

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.2/9.2

REVISION # : 03
DATE : 08/30/82

SYSTEM : RADIATION MONITORING
TAG : FCV-26-1

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0467

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FCV-26-2	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS 180 DAYS POST DBA	>40 YEARS +40000CYCL	SL2-FSAR TBL3.11-2	PG.5-1 OF NOTE 1 PG.4-7 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 268/248F
COMPONENT: CONTROL VALVE	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	120F NORM >SL2 DBA REQUIRMNTS	TAB25C SL2-FSAR TABLE311-1 T393	PG 4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: FIG5,6 NOTE2
MANUFACTURER: ASCO/NAMCO									MAINTAIN.: FIG5,6 NOTE2
MAJOR SUPPLIER : WKM	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	OPSIGNORM >SL2 DBA REQUIRMNTS	PAB25C SL2-FSAR TABLE311-1 P393	PG 4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: SERIAL # LS:EA180	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	>90%	HAB25C SL2-FSAR TABLE311-1 H393	PG.8-2 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1:ASCO REPT. AQS21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80
FUNCT.DES: & SERVICE RAD MONIT ISOL CLOSES(CIAS)									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	2.0E8 TOTAL INTEGRATED DOSE	RAB25C SL2-FSAR TABLE311-1 R393	PG.4-4 OF NOTE 1 PG.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 110									
P.O #:422550 CWP # : 0320/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 PG.4-12 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB25									
COORDINATES X- 619.0 Y- 1538.0 Z- 20.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	PAM AUTH. REFERENCE: MRL
INSTALLED (Y/N): NO INSTAL. REF: FV0135 QUALIF EXEMPTN: NOT EXEMPT	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	OPERABILITY	3.2/9.2							
	TEMPERATURE T	3.2/9.2							
	PRESSURE P	3.2/9.2							
	REL. HUMDTY H	3.2/9.2							
	CHEM. SPRAY C	3.2/9.2							
	RADIATION R	3.2/9.2	REFERENCES: 1.IEEE323-74,382-72 2.FLD VERIFY TO HAVE NP 8300 SERIES SOLENOIDS.						
PHYS DWG REF: 2998G-393 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 3.2/9.2	AGING	3.2/9.2							REVISION # :03 3 DATE :08/30/82
	SUBMERGENCE	3.2/9.2							
	SAR ENV CAT: D 10588 CATEG.: A APPENDIX E								SYSTEM :RADIATION MONITORING TAG :FCV-26-2

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0469

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FCV-26-4	OPERABIL-ITY	40 YEARS 180 DAYS POST DBA	40 YEARS +40000CYCL	SL2-FSAR TBL3.11-2	PG.5-1 OF NOTE 1 PG.4-7 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA								ACCEL TEMP: 268/248F
COMPONENT: CONTROL VALVE	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	120F NORM >SL2 DBA REQUIRMNTS	TAB25C SL2-FSAR TABLE311-1 T393	PG 4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: FIG5,6 NOTE2
MANUFACTURER: ASCO/NAMCO									MAINTAIN.: FIG5,6 NOTE2
MAJOR SUPPLIER : WKM	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	OPSIGNORM >SL2 DBA REQUIRMNTS	PAB25C SL2-FSAR TABLE311-1 P393	PG 4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS: NOTE 1:ASCO REPT. AQS21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80
MODEL AND SERIAL #: LS:EA180	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	>90%	HAB25C SL2-FSAR TABLE311-1 H393	P.8-2 OF NOTE 1 P.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: & SERVICE RAD MONIT ISOL CLOSES(CIAS)									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	2.0E8 TOTAL INTEGRATED DOSE	RAB25C SL2-FSAR TABLE311-1 R393	P.4-4 OF NOTE 1 P.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 110									
P.O #:422550 CWD # : 0320/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 P.4-12 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB25									
COORDINATES X- 620.0 Y- 1539.0 Z- 20.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	/	NONE	PAM AUTH. REFERENCE: MRL
INSTALLED (Y/N): NO INSTAL. REF:FV0137 QUALIF EXEMPTN: NOT EXEMPT									

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.2/9.2
TEMPERATURE T	3.2/9.2
PRESSURE P	3.2/9.2
REL. HUMDTY H	3.2/9.2
CHEM. SPRAY C	3.2/9.2
RADIATION R	3.2/9.2
AGING	3.2/9.2
SUBMERGENCE	3.2/9.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.IEEE323-74,382-72
2.FLD VERIFY TO HAVE NP 8300 SERIES SOLENOIDS.

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2

REVISION # :03
DATE :08/30/82

SYSTEM :RADIATION MONITORING
TAG :FCV-26-4

***QUALIF* QUALIFIED-FOR *STATUS* INTERIM OPERATION**

PHYS DWG REF: 2998G-393
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.2/9.2

SAR ENV CAT: D
O588 CATEG.: A
APPENDIX E

3.

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0470

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : FCV-26-5	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	>40 YEARS /+40000CYCL	SL2-FSAR / TBL3.11-2	PG.5-1 OF / NOTE 1 / PG.4-7 OF / NOTE 2	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 268/248F
COMPONENT: CONTROL VALVE	TEMPERAT-URE	115F NORM / FIG. 10 / (ACC. DBA) / 119FDESIGN	120F NORM / >SL2 DBA / REQUIRMNTS	TRB15 / SL2-FSAR / TABLE311-1 / T365	PG 4-21 OF / NOTE 1 / FIG.3 OF / NOTE 2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: FIG5,6 NOTE2 SRS#A3.2
MANUFACTURER: ASCO/NAMCO									MAINTAIN.: FIG5,6 NOTE2 SRS#A3.2
MAJOR SUPPLIER : WKM	PRESSURE	OPSIG NORM / FIG. 9 / (ACC. DBA)	OPSIGNORM / >SL2 DBA / REQUIRMNTS	PRB15 / SL2-FSAR / TABLE311-1 / P365	PG 4-21 OF / NOTE 1 / FIG.3 OF / NOTE 2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: LS:EA180 SERIAL # (REF 2,3)	RELATIVE HUMIDITY	45 TO 100% / 100% / (ACC. DBA)	>90%	HRB15 / SL2-FSAR / TABLE311-1 / H365	P.8-2 OF / NOTE 1 / IP.4-4 OF / NOTE 2	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NOTE 1:ASCO REPT. AQS21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80 3.FLD VERIFIED TO BE ABOVE FLOOD LE VEL (SEE FVO138).
FUNCT.DES: & SERVICE RAD MONIT ISOL CLOSES(CIAS)									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	1720-2150 / PPM B. 50- / 65PPM HYDZ / PH 4.9-7.0	3000PPM B / PH9.5-10.0	CRB15 / SL2-FSAR / TABLE311-1 / C365	P.4-4 OF / NOTE 1 / IP.10-51 OF / NOTE 2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR / A 30 D / D 1 YR / . 40YR/RW	2.0E6 3.0E5 / 2.9E7 2.1E6 / 3.5E7 2.2E6 / 6.0E4 2.5E5	2.0E8 / TOTAL / INTEGRATED / DOSE	RRB15B / SL2-FSAR / TABLE311-1 / R365	P.4-4 OF / NOTE 1 / IP.4-4 OF / NOTE 2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
SPECIFICATIONS: 110									
P.O #:422550 CWD # : 0320/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PG.5-1 OF / NOTE 1 / IP.4-12 OF / NOTE 2	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB15									
COORDINATES X- 628.0 Y- 1535.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOTE 3	SRB15 SL2-FSAR TABLE311-1 S365	NOTE 3	COMB. / TEST & / EXTRA- / POL'N	H	NONE	PAM AUTH. REFERENCE: MRL
INSTALLED (Y/N): YES									
INSTAL. REF:FVO138	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	3.2/9.2							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE	T 3.2/9.2							
	PRESSURE	P 3.2/9.2							
	REL. HUMDTY	H 3.2/9.2							
	CHEM. SPRAY	C 3.2/9.2							3
	RADIATION	R 3.2/9.2	REFERENCES: 1.IEEE323-74,382-72						
	AGING	3.2/9.2	2.ASCO SOLENOID CATALOG NO.						
	SUBMERGENCE	S 3.2/9.2	FLD VERIFIED TO BE NP8321 SERI						REVISION # :03
PHYS DWG REF: 2998G-365			ES(SEE FVO138).3.LIMIT SWITCHE						DATE :08/30/82
PHYS DWG LOC:			S MODEL EA18021302 FV SHO138						
MOUNTING : NOT APPLICABLE									SYSTEM :RADIATION MONITORING
EQ PACK # : 3.2/9.2	SAR ENV CAT: A								TAG :FCV-26-5
	0588 CATEG.: A								
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0471

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : FCV-26-6	OPERABIL-ITY	40 YRS CON <60 SEC POST DBA	40 YRS CON +40000CYCL	SL2-FSAR TBL 3.11-2 OPER.RVIEW	PG 5-1 OF REF.1 PG 4-7 OF REF. 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400 HRS
EQUIPMENT: VALVE OPERATORS	NORM/TEST DBA	<30000CYCL							ACCEL TEMP:
TYPE									268/248F
COMPONENT: CONTROL VALVE	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	120F NORM >SL2 DBA REQUIR.	TAB25C SL2-FSAR TABLE311-1 T393	PG 4-21 OF [REF.1]; FIG 3 OF [REF 2]	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: FIG5,6 REF.2
MANUFACTURER:ASCO/NAMCO									MAINTAIN.:
MAJOR SUPPLIER : WKM	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	OPSIG NORM >SL2 DBA REQUIR.	PAB25C SL2-FSAR TABLE311-1 P393	PG 4-21 OF [REF.1] FIG 3 OF REF.2	COMB. TEST & EXTRA- POL'N	H	NONE	FIG5,6 REF.2
									SUBCOMPONENTS:
MODEL AND: SERIAL #	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	>90.0%	HAB25C SL2-FSAR TABLE311-1 H393	PG.8-2 OF [REF 1] PG 4-4 OF REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	****NOTE:LIMIT SW. "LS";SOLENOIDS "S" "SOL" 1)FLD VERIFY TO HAVE NP 8300 SOLENOIDS.
FUNCT.DES: & SERVICE RAD MONIT ISOL CLOSES(CIAS)									2)IEEE-323-74.344-75.382-72 USED IN QUAL.
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	3)ALL INSTALLATNS TO BE FLD VRFD.
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	2.0E8T.I.D	RAB25C SL2-FSAR TABLE311-1 R393	PG 4-4 OF [REF 1] PG 4-4 OF REF. 2	H	NONE	
SPECIFICATIONS:110									
P.O #:422550 CWD # : 0320/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG 5-1 OF REF 1 PG 4-12 OF REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB25									
COORDINATES X- 618.0 Y- 1537.0 Z- 20.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	N/A	/	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): NO									
INSTAL. REF:FV0139									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.2/9.2
TEMPERATURE T	3.2/9.2
PRESSURE P	3.2/9.2
REL. HUMDTY H	3.2/9.2
CHEM. SPRAY C	3.2/9.2
RADIATION R	3.2/9.2
AGING	3.2/9.2
SUBMERGENCE	3.2/9.2

SAR ENV CAT: D
0588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)ASCO RPT AQS211678/TR REV A
2(NAMCO RPT QTR 105 DATED 8/80).

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2

REVISION # :03
DATE :08/30/82

SYSTEM :RADIATION MONITORING
TAG :FCV-26-6

****
QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION
****
*
****

PHYS DWG REF: 2998G-393
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.2/9.2

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0472

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : FCV-3301	OPERABIL-ITY	40 YEARS	40 YEARS	SL2-FSAR	LIMTQ.RPT	COMB.	/	NONE	ACCEL TIME:
	NORM/TEST	<500 CYCLS TO 180 DYS	2000 CYCLS >200 DAYS	TBL.3.11-2 OPERATION	B0058 APP. E PG.2,9	TEST & EXTRA-			100 HRS
EQUIPMENT: VALVE OPERATORS	DBA	POST DBA	POST DBA	REVIEW	REF.1,2	POL'N			
TYPE									ACCEL TEMP:
	TEMPERAT-URE	85.5F NORM	140F NORM (340F)POST	TAB24I SL2-FSAR	LIMTQ.RPT B0058 APP.	COMB. TEST &	M	NONE	180 C
COMPONENT: MOTOR OPERATED VALVE		112F1200HR	DBA FIG.1	TABLE311-1	E P.5 FIG1	EXTRA-			REPLACEMENT:
		104FDESIGN	VENDOR RPT	T390	REF.1,2	POL'N			NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORPORATION	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	0 PSIG NRM >100 PSIG (DBA ACC.)	PAB24 SL2-FSAR TABLE311-1 P390	LIMTQ.RPT B0058 APP. E PG.28 REF.1,2	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : JAMESBURY									SUBCOMPONENTS:
MODEL AND SERIAL # : SMB-000-2HIBC/ 293491	RELATIVE HUMIDITY	70.0% NORM	100%	HAB24I SL2-FSAR TABLE311-1 H390	LIMTQ.RPT B0058 APP. E	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE:LIMTQ. RPT B0058,PG. 15,21 STATES QUAL IS NOT SEAL DEPENDENT.
		72.0%1200H 50% DESIGN							PARA 4.1.5
FUNCT.DES: & SERVICE LPSI DISCHARGE MOD SDC FLOW	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	N/A	N/A	M	NONE	DEMONSTRATES SIGNIF. MARGIN WITH TWO ACCIDENT TRANS-IENTS
ACCUR. SPEC: NOT APPLICABLE									
	R 2 HR	240 4.0E4	1.0E7	RAB24M	LIMTQ.RPT	COMB.	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	A 30 D	2.8E5 2.2E5	T.I.D.	SL2-FSAR	B0058 APP.	TEST &			
	D 1 YR	4.2E5 3.1E5		TABLE311-1	E PG.2,7	EXTRA-			
	. 40YR/RW	1.0E4 2.0E5		R390	REF.1,2	POL'N			
SPECIFICATIONS:718									
P.O #:772917 CWD # : 1517/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS 2000 CYCLS	10CFR50 PARA 50.51	LIMTQ.RPT B0058 APP. E PG.2,9 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB24									
COORDINATES X- 555.0 Y- 1465.0 Z- 5.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	N/A	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF:FVO114	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
**********	TEMPERATURE T	3.1							
QUALIF QUALIFIED-FOR	PRESSURE P	3.1							
STATUS INTERIM OPERATION	REL. HUMDTY H	3.1							
********	CHEM. SPRAY C	3.1							
*	RADIATION R	3.1	REFERENCES: 1)QUAL TO IEEE-323-74,382-72, 101-74,117-74 2)FOR CONSERVATISM ASSUME VALVE MUST OPERATE UP TO 180 DAYS POST DBA.						
**********	AGING	3.1							
PHYS DWG REF: 2998G-390	SUBMERGENCE S	3.1							REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.1	SAR ENV CAT: D								SYSTEM :SAFETY INJECTION
	0588 CATEG.: A								TAG :FCV-3301
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0473

EQUIPMENT DESCRIPTION		ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO :	FCV-3301 SS	OPERABIL-ITY NORM/TEST DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: TYPE	CONTROL DEVICES									ACCEL TEMP: REF 1
COMPONENT:	LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	REF 1	TAB24I SL2-FSAR TABLE311-1 T390	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER:	BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1	PAB24 SL2-FSAR TABLE311-1 P390	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER :	NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND: SERIAL #	B/M C9-4B L	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	REF 1	HAB24I SL2-FSAR TABLE311-1 H390	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE	LCL CONTROL OF TAG INDICATED									
ACCUR. SPEC:	NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB24 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	
ACCUR. DEM.:	NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	REF 1	RAB24M SL2-FSAR TABLE311-1 R390	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:	324									
P.O #:	422589 CWD # : 1517/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.:	AB24									
COORDINATES	X- 553.0 Y- 1463.0 Z- 5.0	SUBMERGED	-10.0 FT	REF 1	SAB24M SL2-FSAR TABLE311-1 S390	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N):	YES									
INSTAL. REF:	FV0646									
QUALIF EXEMPTN:	NOT EXEMPT									

PARAMETER	SUPPL. REVIEW
OPERABILITY	55.1
TEMPERATURE T	55.1
PRESSURE P	55.1
REL. HUMDTY H	55.1
CHEM. SPRAY C	55.1
RADIATION R	55.1
AGING	55.1
SUBMERGENCE S	55.1

QUALIF RETEST
STATUS

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 55.1

SAR ENV CAT: D
0588 CATEG.: B
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1

REVISION # :03
DATE :08/30/82

SYSTEM :SAFETY INJECTION
TAG :FCV-3301 SS

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0475

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. QUALIF.	DOCUMENTATION ACTUAL	DOC. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
			2	3	4	5	6	7	
TAG NO : FCV-3306 SS	OPERABIL-ITY NORM/TEST	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE	DBA	DBA							ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	REF 1	TAB24I SL2-FSAR TABLE311-1 T390	REF 1	COMB. TEST & EXTRA-POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1	PAB24 SL2-FSAR TABLE311-1 P390	REF 1	COMB. TEST & EXTRA-POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C9-4B	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	REF 1	HAB24I SL2-FSAR TABLE311-1 H390	REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB24 SL2-FSAR TABLE311-1	REF 1	NOT APPLICABLE	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	REF 1	RAB24M SL2-FSAR TABLE311-1 R390	REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS: 324									
P.O #: 422589 CWD # : 1516/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24									
COORDINATES X- 572.0 Y- 1471.0 Z- 5.0	SUBMERGED	-10.0 FT	REF 1	SAB24M SL2-FSAR TABLE311-1 S390	REF 1	NOT APPLICABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF: FV0646	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1							
**********	TEMPERATURE T	55.1							
QUALIF RETEST	PRESSURE P	55.1							
STATUS	REL. HUMDTY H	55.1							
********	CHEM. SPRAY C	55.1							
*	RADIATION R	55.1	REFERENCES: 1) VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK. VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT. 30, 1982						
**********	AGING	55.1							
PHYS DWG REF: 2998G-390	SUBMERGENCE S	55.1							REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : NOT APPLICABLE	SAR ENV CAT: D								SYSTEM :SAFETY INJECTION
EQ PACK # : 55.1	0588 CATEG.: B								TAG :FCV-3306 SS
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0474

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL 1	ENVIRONMENT DEM. QUALIF. 2	DOCUMENTATION ACTUAL 3	DOCUMENTATION DEM. QUALIF. 4	QUALIF. METHOD 5	H/M 6	OUTS ITEMS 7	
TAG NO : FCV-3306	OPERABIL-ITY NORM/TEST	40 YEARS <500 CYCLS TO 180 DYS	40 YEARS 2000 CYCLS >200 DAYS	SL2-FSAR TBL.3.11-2 OPERATION	LIMTQ.RPT B0058 APP. E PG.2,9	COMB. TEST & EXTRA-	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	DBA	POST DBA	POST DBA	REVIEW	REF.1,2	POL'N			ACCEL TEMP: 180 C
COMPONENT: MOTOR OPERATED VALVE	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	140F NORM (340F)POST DBA FIG.1 VENDOR RPT	TAB24I SL2-FSAR TABLE311-1 T390	LIMTQ.RPT B0058 APP. E P.5 FIG1 REF.1,2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORPORATION	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	10 PSIG NRM >100 PSIG (DBA ACC.)	PAB24 SL2-FSAR TABLE311-1 P390	LIMTQ.RPT B0058 APP. E PG.28 REF.1,2	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: NOT APPLICABLE SUBCOMPONENTS:
MAJOR SUPPLIER : JAMESBURY									
MODEL AND SERIAL # : SMB-000-2HIBC/ 293490	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24I SL2-FSAR TABLE311-1 H390	LIMTQ.RPT B0058 APP. E	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE:LIMTQ. RPT B0058,PG. 15,21 STATES QUAL IS NOT SEAL DEPENDENT.
FUNCT.DES: & SERVICE LPSI DISCHARGE MOD SDC FLOW									PARA 4.1.5
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	DEMONSTRATES SIGNIF. MARGIN WITH TWO ACCIDENT TRANS-IENTS
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	1.0E7 T.I.D.	RAB24M SL2-FSAR TABLE311-1 R390	LIMTQ.RPT B0058 APP. E PG.2,7 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 718									
P.O #: 772917 CWD # : 1516/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS 2000 CYCLS	10CFR50 PARA 50.51	LIMTQ.RPT B0058 APP. E PG.2,9 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: SD
PLANT LOC.: AB24									
COORDINATES X- 575.0 Y- 1479.0 Z- 5.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FVO115	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE T	3.1							
	PRESSURE P	3.1							
	REL. HUMDTY H	3.1							
	CHEM. SPRAY C	3.1	REFERENCES: 1)QUAL TO IEEE-323-74,382-72, 101-74,117-74 2)FOR CONSERVATISM ASSUME VALVE MUST OPERATE UP TO 180 DAYS POST DBA.						3
	RADIATION R	3.1							
PHYS DWG REF: 2998G-390	AGING	3.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	3.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.1	SAR ENV CAT: D								SYSTEM :SAFETY INJECTION
	0588 CATEG.: A								TAG :FCV-3306
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0617

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : FSE-27-10	OPERABIL-ITY	30 DAYS POST DBA	40 YRS NRM >33 DAYS POST DBA	FSAR TABLE 3.11-2 OPER.RVIEW	QR-52600-1515 IP.48,49	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 172 HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA	<1000 HRS <500CYCLES	<7500 CYCLE		REF 2				ACCEL TEMP: 318 F
COMPONENT: FLOW SOLENOID	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM FIG. 10 (ACC. DBA)	TRB15 SL2-FSAR TABLE311-1 T365	QR-52600-1515 SEE SRS#T35.1 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: VALCOR ENGINEERING CO.	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM FIG. 9 (ACC. DBA)	PRB15 SL2-FSAR TABLE311-1 P365	QR-52600-1515 SEE SRS# P35.1 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: SEE INSTR. MAN.
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : V52600-515/10	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	QR-52600-1515 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTES: 1)VALVE WAS FIELD VERIFIED AT ELEV.>26 FT., AS PER FIELD VERIFICATION SHEET #0140.
FUNCT.DES: & SERVICE CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2 ANALYZER	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	1720-2200 PPM B. PH9.5-10.5	CRB15 SL2-FSAR TABLE311-1 C365	QR-52600-1515 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	2)CONAX CONDUCTOR MODULES HAVE NOT BEEN INSTALLED AS OF LAST FIELD VERIFICATION. (SEE FV SHEET #0017)
ACCUR. SPEC: NOT APPLICABLE	R 2 HR	2.0E6 3.0E5		RRB15B SL2-FSAR TABLE311-1 R365	QR-52600-1515 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	A 30 D D 1 YR . 40YR/RW	2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 RAD TID						
SPECIFICATIONS: 1408-1									
P.O #:422552 CWD # : 1197/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	QR-52600-1515 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB15									ESF
COORDINATES X- 619.0 Y- 1487.0 Z- 20.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOTE 1	SRB15 SL2-FSAR TABLE311-1 S365	RELOCATE SUBMERGED VALVES NOTE 1	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0140	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 35.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	35.1							
QUALIF QUALIFIED *STATUS*	TEMPERATURE T	35.1							
	PRESSURE P	35.1							
	REL. HUMDTY H	35.1							
	CHEM. SPRAY C	35.1	REFERENCES: 1)VALCOR ENG. RPT QR52600-515 2)IEEE323-74,382-72						
	RADIATION R	35.1							
	AGING	35.1							REVISION # :03 DATE :08/30/82
	SUBMERGENCE S	35.1							
PHYS DWG REF: 2998G-365									SYSTEM :HYDROGEN SAMPLING
PHYS DWG LOC:	SAR ENV CAT: A								TAG :FSE-27-10
MOUNTING : NOT APPLICABLE	0588 CATEG.: A								
EQ PACK # : 35.1	APPENDIX E								

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0618

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FSE-27-11	OPERABIL-ITY	30 DAYS POST DBA	40 YRS NRM >33 DAYS POST DBA	FSAR TABLE 3.11-2 OPER.RVIEW	QR-52600-1515 P.48,49 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 172 HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA	<1000 HRS <500CYCLES	7500 CYCLE						ACCEL TEMP: 318 F
COMPONENT: FLOW SOLENOID	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM FIG 10 (ACC. DBA)	TRB15 SL2-FSAR TABLE311-1 T365	QR-52600-1515 SEE SRS#T35.1 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: VALCOR ENGINEERING CO.	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM FIG 9 (ACC. DBA)	PRB15 SL2-FSAR TABLE311-1 P365	QR-52600-1515 SEE SRS# P35.1 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: SEE INSTR. MAN.
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : V52600-515/11	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	QR-52600-1515 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTES: 1)SOLENOID VALVE WAS FLD VERIFIED AT ELEV.>26 FT., AS PER FLD VERIFICATION SHEET#0141.
FUNCT.DES: & SERVICE CONTAINMENT ATMOS SAMPLE TO H2 ANALYZER	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	1720-2200 PPM B. PH9.5-10.5	CRB15 SL2-FSAR TABLE311-1 C365	QR-52600-1515 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	2)CONAX MODULES NOT INSTALLED AS OF LAST FLD. VERIFCATION.(SEE FV SHEET#0018).
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 RAD TID	RRB15B SL2-FSAR TABLE311-1 R365	QR-52600-1515 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 140-81									
P.O #:422552 CWD # : 1197/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	QR-52600-1515 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB15									ESF
COORDINATES X- 619.0 Y- 1488.0 Z- 20.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOTE 1	SRB15 SL2-FSAR TABLE311-1 S365	RELOCATE SUBMERGED VALVES NOTE 1	COMB. TEST & EXTRA- POL'N	H	YES	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0141									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	35.1
TEMPERATURE T	35.1
PRESSURE P	35.1
REL. HUMDTY H	35.1
CHEM. SPRAY C	35.1
RADIATION R	35.1
AGING	35.1
SUBMERGENCE S	35.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)VALCOR ENG. RPT QR52600-515
2)IEEE323-74,382-72

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:35.1

REVISION # :03
DATE :08/30/82

SYSTEM :HYDROGEN SAMPLING
TAG :FSE-27-11

QUALIF QUALIFIED
STATUS
****
*

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 35.1

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0619

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FSE-27-12	OPERABIL-ITY NORM/TEST DBA	30 DAYS POST DBA <1000 HRS <500CYCLES	40 YRS NRM >33 DAYS POST DBA 7500 CYCLE	FSAR TABLE 3.11-2 OPER.RVIEW	QR-52600-515 P.48,49 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 172 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 318 F
COMPONENT: FLOW SOLENOID	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM FIG. 10 (ACC. DBA)	TRB15 SL2-FSAR TABLE311-1 T365	QR-52600-515 SEE SRS#T35.1 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICAB LE
MANUFACTURER: VALCOR ENGINEERING CO.									MAINTAIN.: SEE INSTR. MAN.
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM FIG. 9 (ACC. DBA)	PRB15 SL2-FSAR TABLE311-1 P365	QR-52600-515 SEE SRS# P35.1 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: V52600-515	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	QR-52600-515 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTES: 1)SUBMERGED VALVES TO BE FLD VERIFIED AT ELEV.>26 FT. 2)CONAX MODULES NOT INSTALLED AS OF LAST FLD.VERIF.
FUNCT.DES: & SERVICE CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2 ANALYZER	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	1720-2200 PPM B. PH9.5-10.5	CRB15 SL2-FSAR TABLE311-1 C365	QR-52600-515 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 RAD TID	RRB15B SL2-FSAR TABLE311-1 R365	QR-52600-515 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 1408-1									
P.O #:422552 CWD # : 1197/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	QR-52600-515 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB15									ESF
COORDINATES X- 630.0 Y- 1542.0 Z- 34.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOTE 1	SRB15 SL2-FSAR TABLE311-1 S365	RELOCATE SUBMERGED VALVES NOTE 1	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): NO									
INSTAL. REF: FV0142									
QUALIF EXEMPTN: NOT EXEMPT									

PARAMETER	SUPPL. REVIEW
OPERABILITY	35.1
TEMPERATURE T	35.1
PRESSURE P	35.1
REL. HUMDTY H	35.1
CHEM. SPRAY C	35.1
RADIATION R	35.1
AGING	35.1
SUBMERGENCE S	35.1

QUALIF QUALIFIED
STATUS
****

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 35.1

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)VALCOR ENG. RPT QR52000-515
2)IEEE323-74,382-72

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:35.1

REVISION # :03
DATE :08/30/82

SYSTEM :HYDROGEN SAMPLING
TAG :FSE-27-12

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0620

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FSE-27-13	OPERABIL-ITY NORM/TEST DBA	30 DAYS POST DBA <1000 HRS <500CYCLES	40 YRS NRM >33 DAYS POST DBA 7500 CYCLE	FSAR TABLE 3.11-2 OPER.RVIEW	QR-52600-515 P.48,49 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 172 HRS ACCEL TEMP: 318 F
EQUIPMENT: VALVE OPERATORS TYPE									
COMPONENT: FLOW SOLENOID	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM FIG.10 (ACC. DBA)	TRB15 SL2-FSAR TABLE311-1 T365	QR-52600-515 SEE SRS#T35.1 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLCBLE
MANUFACTURER: VALCOR ENGINEERING CO.	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM FIG.9 (ACC. DBA)	PRB15 SL2-FSAR TABLE311-1 P365	QR-52600-515 SEE SRS# P35.1 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: SEE INSTR. MAN. SUBCOMPONENTS:
MAJOR SUPPLIER : NOT APPLICABLE									
MODEL AND SERIAL # : V52600-515/13	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	QR-52600-515 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTES: 1)SOLENOID VALVE WAS FLD VERIFIED AT ELEV.>26 FT., AS PER FLD.VERIFICATION SHEET#0143. 2)CONAX MODULES NOT INSTALLED AS OF LAST FLD.VERIFICATION.(SEE FV SHEET#0020)
FUNCT.DES: & SERVICE: CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2 ANALYZER	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	1720-2200 PPM B. PH9.5-10.5	CRB15 SL2-FSAR TABLE311-1 C365	QR-52600-515 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 RAD TID	RRB15B SL2-FSAR TABLE311-1 R365	QR-52600-515 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 1408-1									
P.O #:422552 CWD # : 1197/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	QR-52600-515 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB15									
COORDINATES X- 628.0 Y- 1538.0 Z- 34.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOTE 1	SRB15 SL2-FSAR TABLE311-1 S365	RELOCATE SUBMERGED VALVES NOTE 1	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF:FV0143	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:35.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	35.1							
QUALIF QUALIFIED *STATUS*	TEMPERATURE T	35.1							
	PRESSURE P	35.1							
	REL. HUMDTY H	35.1							
	CHEM. SPRAY C	35.1							
	RADIATION R	35.1	REFERENCES: 1)VALCOR ENG. RPT QR52600-515 2)IEEE323-74,382-72						
	AGING	35.1							
	SUBMERGENCE S	35.1							
PHYS DWG REF: 2998G-365	SAR ENV CAT: A								REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	0588 CATEG.: A								
MOUNTING : NOT APPLICABLE	APPENDIX E								SYSTEM :HYDROGEN SAMPLING TAG :FSE-27-13
EQ PACK # : 35.1									

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0621

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : FSE-27-14	OPERABIL-ITY	30 DAYS POST DBA	40 YRS NRM >33 DAYS POST DBA	FSAR TABLE 3.11-2 OPER.RVIEW	QR-52600-1515 P.48,49 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 172 HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA	<1000 HRS <500CYCLES	<7500 CYCLE						ACCEL TEMP: 318 F
COMPONENT: FLOW SOLENOID	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM FIG.10 (ACC. DBA)	TRB15 SL2-FSAR TABLE311-1 T365	QR-52600-1515 SEE SRS#T35.1 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLCBLE
MANUFACTURER: VALCOR ENGINEERING CO.	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM FIG.9 (ACC. DBA)	PRB15 SL2-FSAR TABLE311-1 P365	QR-52600-1515 SEE SRS# P35.1 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: SEE INSTR. MAN.
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : V52600-515	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	QR-52600-1515 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTES: 1)SUBMERGED VALVES TO BE FLD VERIFIED AT ELEV.>26 FT. 2)CONAX MODULES
FUNCT.DES: & SERVICE CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2 ANALYZER	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	1720-2200 PPM B. PH9.5-10.5	CRB15 SL2-FSAR TABLE311-1 C365	QR-52600-1515 REF 2	COMB. TEST & EXTRA- POL'N.	H	NONE	NOT INSTALLED AS OF LAST FLD.VERIFICATION.(SEE FV SHEET#0021).
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 RAD TID	RRB15B SL2-FSAR TABLE311-1 R365	QR-52600-1515 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 1408-1									
P.O #:422552 CWD # : 1197/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	QR-52600-1515 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB15									ESF
COORDINATES X- 629.0 Y- 1540.0 Z- 34.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOTE 1	SRB15 SL2-FSAR TABLE311-1 S365	RELOCATE SUBMERGED VALVES NOTE 1	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): NO									
INSTAL. REF: FV0144	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:35.1
QUALIF EXEMPTN: NOT APPLIC									
QUALIF QUALIFIED *STATUS*	OPERABILITY	35.1							
	TEMPERATURE T	35.1							
	PRESSURE P	35.1							
	REL. HUMDTY H	35.1							
	CHEM. SPRAY C	35.1	REFERENCES: 1)VALCOR ENG. RPT QR52600-515						
	RADIATION R	35.1	2)IEEE323-74,382-72						
PHYS DWG REF: 2998G-365	AGING	35.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	35.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 35.1	SAR ENV CAT: A								SYSTEM :HYDROGEN SAMPLING
	0588 CATEG.: A								TAG :FSE-27-14
	APPENDIX E								

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0622

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : FSE-27-15	OPERABIL-ITY NORM/TEST DBA	30 DAYS POST DBA <1000 HRS <500CYCLES	40 YRS NRM >33 DAYS POST DBA 7500 CYCLE	FSAR TABLE 3.11-2 OPER.RVIEW	QR-52600-515 P.48,49 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 172 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 318 F
COMPONENT: FLOW SOLENOID	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	120F NORM FIG.C-2A (ACC. DBA)	TAB25C SL2-FSAR TABLE311-1 T393	QR-52600-515 SEE SRS#T35.1 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: VALCOR ENGINEERING CO.	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	OPSIG NORM FIG.C-2B (ACC. DBA)	PAB25C SL2-FSAR TABLE311-1 P393	QR-52600-515 SEE SRS# P35.1 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: SEE INSTR. MAN.
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : V52600-515/15	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	100%	HAB25C SL2-FSAR TABLE311-1 H393	QR-52600-515 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2 ANALYZER & SERVICE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	2.0E8 RAD TID	RAB25C SL2-FSAR TABLE311-1 R393	QR-52600-515 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 1408-1									
P.O #:422552 CWD # : 1204/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	QR-52600-515 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB25									
COORDINATES X- 609.0 Y- 1491.0 Z- 20.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	SAB25 SL2-FSAR TBL 3.11-1	NOT APPLICABLE	N/A	/	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0145									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	35.1
TEMPERATURE T	35.1
PRESSURE P	35.1
REL. HUMDTY H	35.1
CHEM. SPRAY C	35.1
RADIATION R	35.1
AGING	35.1
SUBMERGENCE	35.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)VALCOR ENG. RPT QR52600-515
2)IEEE323-74,382-72

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:35.1

REVISION # :03
DATE :08/30/82

SYSTEM :HYDROGEN SAMPLING
TAG :FSE-27-15

QUALIF QUALIFIED
STATUS

PHYS DWG REF: 2998G-393
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 35.1

SAR ENV CAT: D
0588 CATEG.: A
APPENDIX E

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0623

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION. ACTUAL (3)	DOCUMENTATION. DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FSE-27-16	OPERABILITY NORM/TEST DBA	30 DAYS POST DBA <1000 HRS <500CYCLES	40 YRS NRM >33 DAYS POST DBA 7500 CYCLE	FSAR TABLE 3.11-2 OPER.RVIEW	QR-52600-515 P.48,49 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 172 HRS
EQUIPMENT TYPE: VALVE OPERATORS									ACCEL TEMP: 318 F
COMPONENT: FLOW SOLENOID	TEMPERATURE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	120F NORM FIG.C-2A (ACC. DBA)	TAB25C SL2-FSAR TABLE311-1 T393	QR-52600-515 SEE SRS#T35.1 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: VALCOR ENGINEERING CO.	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	OPSIG NORM FIG.C-2B (ACC. DBA)	PAB25C SL2-FSAR TABLE311-1 P393	QR-52600-515 SEE SRS# P35.1 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: SEE INSTR. MAN.
MAJOR SUPPLIER: NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL #: V52600-515/16	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	100%	HAB25C SL2-FSAR TABLE311-1 H393	QR-52600-515 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: & SERVICE: CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2 ANALYZER	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	2.0E8 RAD TID	RAB25C SL2-FSAR TABLE311-1 R393	QR-52600-515 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	3
SPECIFICATIONS: 1408-1									
P.O #:422552 CWD # : 1204/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	QR-52600-515 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB25									ESF
COORDINATES X- 609.0 Y- 1493.0 Z- 20.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	SAB25 SL2-FSAR TBL 3.11-1	NOT APPLICABLE	NOT APPLIC ABLE	/	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0146									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	35.1
TEMPERATURE T	35.1
PRESSURE P	35.1
REL. HUMDTY H	35.1
CHEM. SPRAY C	35.1
RADIATION R	35.1
AGING	35.1
SUBMERGENCE	35.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)VALCOR ENG. RPT QR52600-515
2)IEEE323-74,382-72

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:35.1

REVISION # :03
DATE :08/30/82

SYSTEM :HYDROGEN SAMPLING
TAG :FSE-27-16

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QUALIF QUALIFIED
STATUS
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*
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PHYS DWG REF: 2998G-393
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 35.1

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0624

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : FSE-27-17	OPERABIL-ITY	30 DAYS POST DBA	40 YRS NRM >33 DAYS	FSAR TABLE 3.11-2	QR-52600-515	COMB. TEST & EXTRA-	/	NONE	ACCEL TIME: 172 HRS
EQUIPMENT: VALVE OPERATORS	NORM/TEST DBA	<1000 HRS <500CYCLES	POST DBA 7500 CYCLE	OPER.RVIEW	P.48,49 REF 2	POL'N			ACCEL TEMP:
TYPE									318 F
COMPONENT: FLOW SOLENOID	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	120F NORM FIG.C-2A (ACC. DBA)	TAB25C SL2-FSAR TABLE311-1 T393	QR-52600-515 SEE SRS#T35.1 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: VALCOR ENGINEERING CO.	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	OPSIG NORM FIG.C-2B (ACC. DBA)	PAB25C SL2-FSAR TABLE311-1 P393	QR-52600-515 SEE SRS# P35.1 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: SEE INSTR. MAN.
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : V52600-515/17	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	100%	HAB25C SL2-FSAR TABLE311-1 H393	QR-52600-515 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2 ANALYZER & SERVICE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	2.0E8 RAD TID	RAB25C SL2-FSAR TABLE311-1 R393	QR-52600-515 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 1408-1									
P.O #:422552 CWD # : 1204/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	QR-52600-515 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB25									ESF
COORDINATES X- 612.0 Y- 1515.0 Z- 26.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	SAB25 SL2-FSAR TBL 3.11-1	NOT APPLICABLE	NOT APPLIC ABLE	/	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0147	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 35.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	35.1							
QUALIF QUALIFIED *STATUS*	TEMPERATURE T	35.1							
	PRESSURE P	35.1							
	REL. HUMDTY H	35.1							
	CHEM. SPRAY C	35.1	REFERENCES: 1)VALCOR ENG. RPT QR52600-515						
	RADIATION R	35.1	2)IEEE323-74,382-72						
PHYS DWG REF: 2998G-393	AGING	35.1							REVISION # : 03
PHYS DWG LOC:	SUBMERGENCE	35.1							DATE : 08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 35.1	SAR ENV CAT: D								SYSTEM : HYDROGEN SAMPLING
	0588 CATEG.: A								TAG : FSE-27-17
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0625

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : FSE-27-18	OPERABIL-ITY NORM/TEST DBA	30 DAYS POST DBA <1000 HRS <500CYCLES	40 YRS NRM >33 DAYS POST DBA 7500 CYCLE	FSAR TABLE 3.11-2 OPER.RVIEW	QR-52600-515 P.48,49 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 172 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 318 F
COMPONENT: FLOW SOLENOID	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	120F NORM FIG.C-2A (ACC. DBA)	TAB25C SL2-FSAR TABLE311-1 T393	QR-52600-515 SEE SRS#T35.1 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: VALCOR ENGINEERING CO.									MAINTAIN.: SEE INSTR. MAN.
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	OPSIG NORM FIG.C-2B (ACC. DBA)	PAB25C SL2-FSAR TABLE311-1 P393	QR-52600-515 SEE SRS# P35.1 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: V52600-515/18	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	100%	HAB25C SL2-FSAR TABLE311-1 H393	QR-52600-515 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2 ANALYZER & SERVICE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLICABLE	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D O 1 YR . 40YR/RW	370 1.0E5 14.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	2.0E8 RAD TID	RAB25C SL2-FSAR TABLE311-1 R393	QR-52600-515 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 1408-1									
P.O #:422552 CWD # : 1204/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	QR-52600-515 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB25									
COORDINATES X- 612.0 Y- 1515.0 Z- 26.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	SAB25 SL2-FSAR TBL 3.11-1	NOT APPLICABLE	NOT APPLICABLE	/	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0148									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	35.1
TEMPERATURE T	35.1
PRESSURE P	35.1
REL. HUMDTY H	35.1
CHEM. SPRAY C	35.1
RADIATION R	35.1
AGING	35.1
SUBMERGENCE	35.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)VALCOR ENG. RPT QR52600-515
2)IEEE323-74,382-72

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:35.1

REVISION # :03
DATE :08/30/82

SYSTEM :HYDROGEN SAMPLING
TAG :FSE-27-18

****
QUALIF QUALIFIED
STATUS
****
*
****

PHYS DWG REF: 2998G-393
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 35.1

SAR ENV CAT: D
I0588 CATEG.: A
APPENDIX E

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0626

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM.	QUALIF.	DOCUMENTATION ACTUAL	DEM.	QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : FSE-27-8	OPERABIL-ITY	30 DAYS	40 YRS NRM		FSAR TABLE 3.11-2	QR-52600-515		COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 172 HRS
	NORM/TEST	POST DBA	>33 DAYS		OPER.RVIEW	P.48,49					
EQUIPMENT: VALVE OPERATORS	DBA	<1000 HRS	POST DBA			REF 2					ACCEL TEMP:
TYPE		<500CYCLES	7500 CYCLE								318 F
	TEMPERAT-URE	115F NORM	120F NORM		TRB15	QR-52600-		COMB. TEST & EXTRA- POL'N	H	NONE	
COMPONENT: FLOW SOLENOID		FIG. 10 (ACC. DBA)	FIG.10 (ACC. DBA)		SL2-FSAR TABLE311-1	515 SEE SRS#T35.1					REPLACEMENT: NOT APPLICABLE
		119FDESIGN			T365	REF 2					MAINTAIN.:
MANUFACTURER: VALCOR ENGINEERING CO.	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM FIG.9 (ACC. DBA)		PRB15 SL2-FSAR TABLE311-1 P365	QR-52600-515 SEE SRS# P35.1 REF 2		COMB. TEST & EXTRA- POL'N	H	NONE	SEE INSTR. MAN. SUBCOMPONENTS:
MAJOR SUPPLIER : NOT APPLICABLE											
MODEL AND SERIAL # : V52600-515/8	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%		HRB15 SL2-FSAR TABLE311-1 H365	QR-52600-515 REF 2		COMB. TEST & EXTRA- POL'N	/	NONE	NOTES: 1)SUBMERGED VALVE WAS FIELD VERIFIED AT ELEV.>26 FT.,AS PER FLD VERIFCA-TION SHEET#0149.
FUNCT.DES: & SERVICE: CONTROL OF CONTAINMENT ATMOS SAMPLE TO H2 ANALYZER	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	1720-2200 PPM B. PH9.5-10.5		CRB15 SL2-FSAR TABLE311-1 C365	QR-52600-515 REF 2		COMB. TEST & EXTRA- POL'N	H	NONE	2)CONAX MODULES NOT INSTALLED AS OF LAST FLD VERI-FICATION.(SEE FV SHEET#0022)
ACCUR. SPEC: NOT APPLICABLE											
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 RAD TID		RRB15B SL2-FSAR TABLE311-1 R365	QR-52600-515 REF 2		COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 1408-1											
P.O #:422552 CWD # : 1197/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS		10CFR50 PARA 50.51	QR-52600-515 REF 2		COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB15											
COORDINATES X- 619.0 Y- 1485.0 Z- 20.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOTE 1		SRB15 SL2-FSAR TABLE311-1 S365	RELOCATE SUBMERGED VALVES NOTE 1		COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES											
INSTAL. REF: FV0149	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #								QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 35.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	35.1									
**********	TEMPERATURE T	35.1									
QUALIF QUALIFIED	PRESSURE P	35.1									
STATUS	REL. HUMDTY H	35.1									
********	CHEM. SPRAY C	35.1									
*	RADIATION R	35.1									
**********	AGING	35.1									
PHYS DWG REF: 2998G-365	SUBMERGENCE S	35.1									
PHYS DWG LOC:											
MOUNTING : NOT APPLICABLE	SAR ENV CAT: A										
EQ PACK # : 35.1	0588 CATEG.: A										
	APPENDIX E										

REFERENCES: 1)VALCOR ENG. RPT QR52600-515
2)IEEE323-74,382-72

REVISION # :03
DATE :08/30/82

SYSTEM :HYDROGEN SAMPLING
TAG :FSE-27-8

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0627

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FSE-27-9	OPERABIL-ITY	30 DAYS POST DBA	40 YRS NRM >33 DAYS POST DBA	FSAR TABLE 3.11-2	QR-52600-1515	COMB. TEST & EXTRA-	/	NONE	ACCEL TIME: 172 HRS
	NORM/TEST DBA	<1000 HRS <500CYCLES	7500 CYCLE	OPER.RVIEW	P.48,49 REF 2	POL'N			ACCEL TEMP: 318 F
EQUIPMENT: VALVE OPERATORS TYPE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM FIG.10 (ACC. DBA)	TRB15 SL2-FSAR TABLE311-1 T365	QR-52600-1515 SEE SRS#T35.1 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
COMPONENT: FLOW SOLENOID	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM FIG.9 (ACC. DBA)	PRB15 SL2-FSAR TABLE311-1 P365	QR-52600-1515 SEE SRS# P35.1 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: SEE INSTR. MAN.
MANUFACTURER: VALCOR ENGINEERING CO.									SUBCOMPONENTS:
MAJOR SUPPLIER : NOT APPLICABLE									NOTES:
MODEL AND SERIAL # : V52600-515/9	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	QR-52600-1515 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	1)SUBMERGED VALVE WAS FIELD VERIFIED AT ELEV.>26 FT.,AS PER FLD VERIFCA-TION SHEET#0150.
FUNCT.DES: & SERVICE: CONTAINMENT ATMOS SAMPLE TO H2 ANALYZER	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	1720-2200 PPM B. PH9.5-10.5	CRB15 SL2-FSAR TABLE311-1 C365	QR-52600-1515 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	2)CONAX MODULES NOT INSTALLED AS OF LAST FLD VERIFICATION.(SEE FV SHEET#0023)
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 RAD TID	RRB15B SL2-FSAR TABLE311-1 R365	QR-52600-1515 REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	3
SPECIFICATIONS: 140B-1									
P.O #:422552 CWD # : 1197/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	QR-52600-1515 REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB15									ESF
COORDINATES X- 619.0 Y- 1486.0 Z- 20.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOTE 1	SRB15 SL2-FSAR TABLE311-1 S365	RELOCATE SUBMERGED VALVES NOTE 1	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0150	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:35.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	35.1							
QUALIF QUALIFIED	TEMPERATURE	T 35.1							
STATUS	PRESSURE	P 35.1							
********	REL. HUMDTY	H 35.1							
*	CHEM. SPRAY	C 35.1	REFERENCES: 1)VALCOR ENG. RPT QR52600-515						
	RADIATION	R 35.1	2)IEEE323-74,382-72						
PHYS DWG REF: 2998G-365	AGING	35.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 35.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 35.1	SAR ENV CAT: A								SYSTEM :HYDROGEN SAMPLING
	O588 CATEG.: A								TAG :FSE-27-9
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0641

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : FT-1158	OPERABIL-ITY NORM/TEST DBA	40 YRS CONT 180 DAYS POST DBA	40 YRS CONT >200 DAYS POST DBA	SL2-FSAR TABLE 3.11-2	REP'T R3-764-1 + REVIEW	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 66 HRS
EQUIPMENT: SENSORS TYPE									ACCEL TEMP: 320F
COMPONENT: FLOW TRANSMITTER	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM (SEE REF1)	TRB15 SL2-FSAR TABLE311-1 T365	REP'T R3-764-1 PG 56 REF. 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INST.MAN
MANUFACTURER: ITT BARTON									MAINTAIN.:
MAJOR SUPPLIER : CE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM (SEE REF1)	PRB15 SL2-FSAR TABLE311-1 P365	REP'T R3-764-1 PG 52 REF. 1	COMB. TEST & EXTRA- POL'N	H	NONE	SEE INST.MAN SUBCOMPONENTS:
MODEL AND: 764 SERIAL # 1527	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	70% NORM 100% (ACC DBA)	HRB15 SL2-FSAR TABLE311-1 H365	SEE SRS# H8.2 REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE COMPONENT COOLING FLOW									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	REP'T R3-764-1 PG 6 REF. 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: 0.5%									
ACCUR. DEM.: 0.5%	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	1.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	REP'T R3-764-1 PG 15 REF. 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 47									
P.O #: 070509 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	>40 YRS	10CFR50 PARA 50.51	REP'T R3-764-1 PG 14	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB15									ESF
COORDINATES X- 740.0 Y- 1512.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	QUALIFIED FOR SUBMERGENC	SRB15 SL2-FSAR TABLE311-1 S365	SEE SRS S8.2	COMB. TEST & EXTRA- POL'N	H	NONE	PAM
INSTALLED (Y/N): YES									AUTH. REFERENCE: CE-ML
INSTAL. REF: FV0133									
QUALIF EXEMPTN: NOT EXEMPT									

PARA-METER	SUPPL. REVIEW
OPERABILITY	8.2
TEMPERATURE T	8.2
PRESSURE P	8.2
REL. HUMDTY H	8.2
CHEM. SPRAY C	8.2
RADIATION R	8.2
AGING	8.2
SUBMERGENCE S	8.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 8.2

QUALIF RETEST
STATUS
****

REFERENCES:
1. ENVLPS SPECIFIED PROFILE (SEE SRS T8.2+P8.2)
2. CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE +PRE-QUAL REPORT PER 323-1974

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : IR 53-4
EQ PACK # : 8.2

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

REVISION # : 03
DATE : 08/30/82

SYSTEM : REACTOR COOLANT
TAG : FT-1158

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0642

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/MI (6)	OUTS ITEMS (7)	
TAG NO : FT-1168	OPERABIL-ITY NORM/TEST	40 YRS CONT 180 DAYS POST DBA	40 YRS CONT >200 DAYS POST DBA	SL2-FSAR TABLE 3.11-2	REP'T R3-764-1 + REVIEW	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 66 HRS
EQUIPMENT: SENSORS TYPE									ACCEL TEMP: 320F
COMPONENT: FLOW TRANSMITTER	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM (SEE REF1)	TRB16 SL2-FSAR TABLE311-1 T366	REP'T R3-764-1 PG 56	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INST.MAN
MANUFACTURER: ITT BARTON	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM (SEE REF1)	PRB16 SL2-FSAR TABLE311-1 P366	REP'T R3-764-1 PG 52	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: SEE INST.MAN
MAJOR SUPPLIER : CE									SUBCOMPONENTS:
MODEL AND SERIAL # : 764 1528	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	70% NORM 100% (ACC DBA)	HRB16 SL2-FSAR TABLE311-1 H366	SEE SRS# H8.2 REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE COMPONENT COOLING FLOW									
ACCUR. SPEC: 0.5%	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB16 SL2-FSAR TABLE311-1 C366	REP'T R3-764-1 PG 6	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. DEM.: 0.5%	R 2 HR A 30 D D 1 YR . 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	1.0E8 RADS TID	RRB16B SL2-FSAR TABLE311-1 R366	REP'T R3-764-1 PG 15	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 47									
P.O #: 070509 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	>40 YRS	10CFR50 PARA.50.51	REP'T R3-764-1 PG 14	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB16									
COORDINATES X- 726.0 Y- 1464.0 Z- 45.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	QUALIFIED FOR SUBMERGENC	SRB16 SL2-FSAR TABLE311-1 S366	SEE SRS S8.2	COMB. TEST & EXTRA- POL'N	H	NONE	PAM
INSTALLED (Y/N): YES									AUTH. REFERENCE: CE-ML
INSTAL. REF: FV0134	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 8.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.2							
**********	TEMPERATURE T	8.2							
QUALIF RETEST	PRESSURE P	8.2							
STATUS	REL. HUMDTY H	8.2							
********	CHEM. SPRAY C	8.2							
*	RADIATION R	8.2	REFERENCES: 1.ENVLPS SPECIFIED PROFILE (SEE SRS T8.2+P8.2)						
**********	AGING	8.2	2.CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE +PRE-QUAL REPORT PER 323-1974						
PHYS DWG REF: 2998G-366	SUBMERGENCE S	8.2							REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : IR 55-7	SAR ENV CAT: A								
EQ PACK # : 8.2	0588 CATEG.: A								SYSTEM :REACTOR COOLANT
	APPENDIX E								TAG :FT-1168

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0643

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/MI (6)	OUTS ITEMS (7)	
TAG NO : FT-1178	OPERABIL-ITY	40 YRS CONT	40 YRS CONT	SL2-FSAR TABLE 3.11-2	REP'T R3-764-1 + REVIEW	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 66 HRS
EQUIPMENT: SENSORS	NORM/TEST DBA	180 DAYS POST DBA	>200 DAYS POST DBA						ACCEL TEMP:
TYPE									320F
COMPONENT: FLOW TRANSMITTER	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM (SEE REF1)	TRB16 SL2-FSAR TABLE311-1 T366	REP'T R3-764-1 PG 56	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INST.MAN
MANUFACTURER: ITT BARTON									MAINTAIN.:
	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM (SEE REF1)	PRB16 SL2-FSAR TABLE311-1 P366	REP'T R3-764-1 PG 52	COMB. TEST & EXTRA- POL'N	H	NONE	SEE INST.MAN
MAJOR SUPPLIER : CE									SUBCOMPONENTS:
MODEL AND: 764 SERIAL # 1529	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	70% NORM 100% (ACC DBA)	HRB16 SL2-FSAR TABLE311-1 H366	SEE SRS# H8.2 REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: COMPONENT & SERVICE COOLING FLOW									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ	3000 PPM BORON	CRB16 SL2-FSAR TABLE311-1	REP'T R3-764-1 PG 6	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: 0.5%		PH 4.9-7.0	PH 10.5	C366					
ACCUR. DEM.: 0.5%	R 2 HR A 30 D D 1 YR . 40YR/RW	12.7E6 5.2E5 14.0E7 3.2E6 14.8E7 3.8E6 13.0E4 1.5E6	1.0E8 RADS TID	RRB16B SL2-FSAR TABLE311-1 R366	REP'T R3-764-1 PG 15	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 47									
P.O #: 070509 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	>40 YRS	10CFR50 PARA 50.51	REP'T R3-764-1 PG 14	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB16									
COORDINATES X- 619.0 Y- 1502.0 Z- 49.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	QUALIFIED FOR SUBMERGENC	SRB16 SL2-FSAR TABLE311-1 S366	SEE SRS S8.2	COMB. TEST & EXTRA- POL'N	H	NONE	PAM AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): YES									
INSTAL. REF: FV0135	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 8.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.2							
QUALIF RETEST *STATUS*	TEMPERATURE T	8.2							
	PRESSURE P	8.2							
	REL. HUMDTY H	8.2							
	CHEM. SPRAY C	8.2							
	RADIATION R	8.2							
PHYS DWG REF: 2998G-366	AGING	8.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	8.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 8.2	SAR ENV CAT: A								SYSTEM :REACTOR COOLANT
	0588 CATEG.: A								TAG :FT-1178
	APPENDIX E								

REFERENCES: 1.ENVLPS SPECIFIED PROFILE (SEE SRS T8.2+P8.2)
2.CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE +PRE-QUAL REPORT PER 323-1974

3

A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: 890 MW(E) | CES#-0644

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FT-1188	OPERABIL-ITY /NORM/TEST /DBA	40 YRS / CONT / 180 DAYS / POST DBA	40 YRS / CONT / >200 DAYS / POST DBA	SL2-FSAR / TABLE / 3.11-2	REP'T / R3-764-1 / + / REVIEW	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 66 HRS
EQUIPMENT: SENSORS TYPE									ACCEL TEMP: 320F
COMPONENT: FLOW TRANSMITTER	TEMPERAT-URE	115F NORM / FIG. 10 / (ACC. DBA) / 119FDESIGN	120F NORM / (SEE REF1)	TRB16 / SL2-FSAR / TABLE311-1 / T366	REP'T / R3-764-1 / PG 56	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: SEE INST.MAN
MANUFACTURER: ITT BARTON									MAINTAIN.: SEE INST.MAN
MAJOR SUPPLIER : CE	PRESSURE	OPSIG NORM / FIG. 9 / (ACC. DBA)	OPSIG NORM / (SEE REF1)	PRB16 / SL2-FSAR / TABLE311-1 / P366	REP'T / R3-764-1 / PG 52	COMB. / TEST & / EXTRA- / POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: 764 SERIAL # 1530	RELATIVE HUMIDITY	45 TO 100% / 100% / (ACC. DBA)	70% NORM / 100% (ACC DBA)	HRB16 / SL2-FSAR / TABLE311-1 / H366	SEE SRS# / H8.2 / REF. 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: COMPONENT & SERVICE COOLING FLOW									
ACCUR. SPEC: 0.5%	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ / PH 4.9-7.0	3000 PPM BORON / PH 10.5	CRB16 / SL2-FSAR / TABLE311-1 / C366	REP'T / R3-764-1 / PG 6	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. DEM.: 0.5%	R 2 HR / A 30 D / D 1 YR / . 40YR/RW	2.7E6 5.2E5 / 4.0E7 3.2E6 / 4.8E7 3.8E6 / 3.0E4 1.5E6	1.0E8 RADS TID	RRB16B / SL2-FSAR / TABLE311-1 / R366	REP'T / R3-764-1 / PG 15	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
SPECIFICATIONS: 47									
P.O #: 070509 CWD # : /	AGE- / INST LIFE / (PER 323- / 1974 DEF.)	40 YRS	>40 YRS	10CFR50 / PARA 50.51	REP'T / R3-764-1 / PG 14	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB16									
COORDINATES X- 644.0 Y- 1469.0 Z- 45.0	SUBMERGED	26.0 FT / MAXIMUM / FIG. 11 / (ACC.DBA)	QUALIFIED FOR SUBMERGENC	SRB16 / SL2-FSAR / TABLE311-1 / S366	SEE SRS / S8.2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	PAM
INSTALLED (Y/N): YES									AUTH. REFERENCE: CE-ML
INSTAL. REF: FV0136	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 8.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.2							
**********	TEMPERATURE T	8.2							
QUALIF RETEST	PRESSURE P	8.2							
STATUS	REL. HUMDTY H	8.2							
********	CHEM. SPRAY C	8.2							
*	RADIATION R	8.2							
**********	AGING	8.2							
PHYS DWG REF: 2998G-366	SUBMERGENCE S	8.2							
PHYS DWG LOC:									
MOUNTING : IR 55-5	SAR ENV CAT: A								
EQ PACK # : 8.2	0588 CATEG.: A								
	APPENDIX E								

REFERENCES:
1. ENVLPS SPECIFIED PROFILE (SEE SRS T8.2+P8.2)
2. CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE +PRE-QUAL REPORT PER 323-1974

REVISION # :03
DATE :08/30/82

SYSTEM :REACTOR COOLANT
TAG :FT-1188

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0635

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : FT-09-2A1	OPERABIL-ITY NORM/TEST DBA	40 YEARS CONT < 24 HRS POST DBA	40 YEARS >27 HRS POST DBA	FSAR TABLE 3.11-2	RSMNT LTTR OF 8-13-81 SUPPL RSMT REP108025	COMBND TEST EXTRPL NOTE 3	/	NONE	ACCEL TIME: 47 DAYS
EQUIPMENT: SENSORS TYPE									ACCEL TEMP: 203F
COMPONENT: FLOW TRANSMITTR	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	110F NORM SEE NOTE 1 140F1200HR 130FDESIGN	TTB23B SL2-FSAR TABLE311-1 T408 2C	ROSEMONT REPORT NO. 108025 PAGE 42	COMBND TEST EXTRPL NOTE 3	H	NONE	REPLACEMENT: RSMT PROC. 1802,PG47,48
MANUFACTURER: ROSEMOUNT									MAINTAIN.: SAME AS ABOV
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	ATMOS NORM 73 PSIG (ACC. DBA) >SL2 REQ.	PTB23B SL2-FSAR TABLE311-1 P408 2C	ROSEMOUNT REPORT NO. 108025 P42	COMBND TEST EXTRPL NOTE 3	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: 1153DB5/ 328260	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23B SL2-FSAR TABLE311-1 H408 2C	ROSEMOUNT REPORT NO. 108025 P22	COMBND TEST EXTRPL NOTE 3	/	NONE	1)HELB FIGURE C-1 A,B,C,D 2)REPL "WEAK LINK" CPNT PER ARRHENIUS "END PNT"
FUNCT.DES: & SERVICE: AUX FWP 2A DISCH. FLOW									3)IEEE323-74,ISA
ACCUR. SPEC: +-0.25%	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23B SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	STDS,EPRI NP 1558 USED FOR QUALIF
ACCUR. DEM.: <+-0.25% RSMT RPT108026	R A D .	2 HR 30 DI 1 YR 40YR/RW	1.0E5 INTEG RATED DOSE	2.2E7 RADS INTEGRATED DOSE	RTB23B SL2-FSAR TABLE311-1 R408 2C	ROSEMOUNT REPORT NO. 108025 P40	COMBND TEST EXTRPL NOTE 3	M	NONE	4)PURCHASED TO ANS SC 2 AND 3 AS WELL AS CLASS IE 5)"WEAK LINK" CPNT IDENTIFIED TO HAVE ACTIVATION ENERGY = TO 0.78 EV
SPECIFICATIONS: 138									
P.O #: 422582 CWD # : 601 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS SEE NOTE 2	10CFR 50 PARA 50.51 LICENSE DURATION	ROSEMOUNT REPORT NO. 108025 P34	COMBND TEST EXTRPL NOTE 3	/	NONE	SAFETY FUNCTION:
PLANT LOC.: TB23									
COORDINATES X- 693.0 Y- 1416.0 Z- 23.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23B SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	PAM
INSTALLED (Y/N): YES									AUTH. REFERENCE: 7.3-2
INSTAL. REF: FV0127	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 8.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	8.1							
QUALIF QUALIFIED	TEMPERATURE T	8.1							
STATUS	PRESSURE P	8.1							
********	REL. HUMDTY H	8.1							
*	CHEM. SPRAY C	8.1							
	RADIATION R	8.1	REFERENCES: ROSEMOUNT REPORT 108025, ROSEMOUNT PROCEDURE 1802, ROSEMOUNT EQ ANALYSIS RPRT 57820,REV D,RSMNT RPRT 108026 VOL 5.1 AND 2,RSMNT LTR 081381						
PHYS DWG REF: 2998G-408 2C	AGING	8.1							
PHYS DWG LOC:	SUBMERGENCE S	8.1							REVISION # : 03
MOUNTING : IR 22-1									DATE : 08/30/82
EQ PACK # : 8.1	SAR ENV CAT: K								
	0588 CATEG.: A								SYSTEM : AUXILIARY FEEDWATER
	APPENDIX E								TAG : FT-09-2A1

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0636

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : FT-09-2A2	OPERABIL-ITY /NORM/TEST DBA	40 YEARS CONT < 24 HRS POST DBA	40 YEARS >27 HRS POST DBA	FSAR TABLE 3.11-2	RSMNT LTTR OF 8-13-81 SUPPL RSMT REP108025	COMBND TEST EXTRPL NOTE 3	/	NONE	ACCEL TIME: 47 DAYS
EQUIPMENT: SENSORS TYPE									ACCEL TEMP: 203F
COMPONENT: FLOW TRANSMITTR	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	110F NORM SEE NOTE 1 140F1200HR 130FDESIGN	TTB23B SL2-FSAR TABLE311-1 T408 2C	ROSEMONT REPORT NO. 108025 PAGE 42	COMBND TEST EXTRPL NOTE 3	H	NONE	REPLACEMENT: RSMT PROC 1802 P.47,48
MANUFACTURER:ROSEMOUNT									MAINTAIN.: SAME AS ABOV
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	ATMOS NORM 73 PSIG (ACC. DBA) >SL2 REQ.	PTB23B SL2-FSAR TABLE311-1 P408 2C	ROSEMOUNT REPORT NO. 108025 P42	COMBND TEST EXTRPL NOTE 3	H	NONE	SUBCOMPONENTS:
MODEL AND: 1153DB5/ SERIAL # 370852	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23B SL2-FSAR TABLE311-1 H408 2C	ROSEMOUNT REPORT NO. 108025 P22	COMBND TEST EXTRPL NOTE 3	/	NONE	1)HELB FIGURE C-1 A,B,C,D 2)REPL "WEAK LINK" CPNT PER ARRHENIUS "END PNT"
FUNCT.DES: AUX FWP DISCH & SERVICE 2A FLUID CON-DENSATE									3)IEEE323-74,ISA STDS,EPRI NP 1558 USED FOR QUALIF
ACCUR. SPEC: +-0.25%	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23B SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	4)PURCHASED TO ANS SC 2 AND 3 AS WELL AS CLASS IE
ACCUR. DEM.: <+-0.25% RSMT RPT108026	R A D . 40YR/RW	2 HR 30 D 1 YR INTEG RATED DOSE	1.0E5 INTEGRATED DOSE	2.2E7 RADS	RTB23B SL2-FSAR TABLE311-1 R408 2C	ROSEMOUNT REPORT NO. 108025 P40	COMBND TEST EXTRPL NOTE 3	M	NONE	5)"WEAK LINK" CPNT IDENTIFIED TO HAVE ACTIVATION ENERGY = TO 0.78 EV
SPECIFICATIONS:138									
P.O #:422582 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS. SEE NOTE 2	10CFR 50 PARA 50.51 LICENSE DURATION	ROSEMOUNT REPORT NO. 108025 P34	COMBND TEST EXTRPL NOTE 3	/	NONE	SAFETY FUNCTION:
PLANT LOC.: TB23									
COORDINATES X- 675.0 Y- 1416.0 Z- 23.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23B SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	PAM AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF:FV0128	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:8.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	8.1							
**********	TEMPERATURE T	8.1							
QUALIF QUALIFIED	PRESSURE P	8.1							
STATUS	REL. HUMDTY H	8.1							
********	CHEM. SPRAY C	8.1							
*	RADIATION R	8.1	REFERENCES: ROSEMOUNT REPORT 108025, ROSEMOUNT PROCEDURE 1802, ROSEMOUNT EQ ANALYSIS RPRT 57820,REV D,RSMNT RPRT 108026 VOL 5.1 AND 2,RSMNT LTR 081381						
**********	AGING	8.1							
PHYS DWG REF: 2998G-408 2C	SUBMERGENCE S	8.1							REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : IR 22-2	SAR ENV CAT: K								SYSTEM :AUXILIARY FEEDWATER
EQ PACK # : 8.1	0588 CATEG.: A								TAG :FT-09-2A2
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0637

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FT-09-2B1	OPERABIL-ITY	40 YEARS CONT < 24 HRS POST DBA	40 YEARS >27 HRS POST DBA	FSAR TABLE 3.11-2	RSMNT LTTR OF 8-13-81 SUPPL RSMT REP108025	COMBND TEST EXTRPL NOTE 3	/	NONE	ACCEL TIME: 47 DAYS
EQUIPMENT: SENSORS TYPE	NORM/TEST DBA								ACCEL TEMP: 203F
COMPONENT: FLOW TRANSMITR.	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	110F NORM SEE NOTE 1 140F1200HR 130FDESIGN	TTB23B SL2-FSAR TABLE311-1 T408 2C	ROSEMONT REPORT NO. 108025 PAGE 42	COMBND TEST EXTRPL NOTE 3	H	NONE	REPLACEMENT: RSMT PROC. 1802,P.47,78
MANUFACTURER:ROSEMOUNT									MAINTAIN.: SAME AS ABOV
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	ATMOS NORM 73 PSIG (ACC. DBA) >SL2 REQ.	PTB23B SL2-FSAR TABLE311-1 P408 2C	ROSEMOUNT REPORT NO. 108025-P42	COMBND TEST EXTRPL NOTE 3	H	NONE	SUBCOMPONENTS:
MODEL AND: 1153DB5/ SERIAL # 328259	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23B SL2-FSAR TABLE311-1 H408 2C	ROSEMOUNT REPORT NO. 108025 P22	COMBND TEST EXTRPL NOTE 3	/	NONE	1)HELB FIGURE C-1 A,B,C,D 2)REPL "WEAK LINK" CPNT PER ARRHENIUS "END PNT"
FUNCT.DES: AUX FWP 2B & SERVICE DISCH.FLOW									3)IEEE323-74,ISA
ACCUR. SPEC: +-0.25%	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23B SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	STDS,EPRI NP 1558 USED FOR QUALIF 4)PURCHASED TO ANS SC 2 AND 3 AS WELL AS CLASS IE
ACCUR. DEM.: <+-0.25% RSMT RPT108026	R A D 2 HR 30 D 1 YR 40YR/RW	1.0E5 INTEG RATED DOSE	2.2E7 RADS INTEGRATED DOSE	RTB23B SL2-FSAR TABLE311-1 R408 2C	ROSEMOUNT REPORT NO. 108025 P40	COMBND TEST EXTRPL NOTE 3	M	NONE	5)"WEAK LINK" CPNT IDENTIFIED TO HAVE ACTIVATION ENERGY = TO 0.78 EV 3
SPECIFICATIONS:138									
P.O #:422582 CWD # : 601 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS SEE NOTE 2	10CFR50 PARA 50.51	ROSEMOUNT REPORT NO. 108025 P34	COMBND TEST EXTRPL NOTE 3	/	NONE	SAFETY FUNCTION:
PLANT LOC.: TB23									
COORDINATES X- 675.0 Y- 1416.0 Z- 23.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23B SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	PAM AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF:FV0129	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:8.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.1							
QUALIF QUALIFIED	TEMPERATURE T	8.1							
STATUS	PRESSURE P	8.1							
********	REL. HUMDTY H	8.1							
*	CHEM. SPRAY C	8.1	REFERENCES: ROSEMOUNT REPORT 108025, ROSEMOUNT PROCEDURE 1802, ROSEMOUNT EQ ANALYSIS RPRT 57820,REV D,RSMNT RPRT 108026 VOL 5.1 AND 2,RSMNT LTR 081381						
	RADIATION	R 8.1							
PHYS DWG REF: 2998G-408 2C	AGING	8.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	8.1							DATE :08/30/82
MOUNTING : IR 22-2									
EQ PACK # : 8.1	SAR ENV CAT: K								SYSTEM :AUXILIARY FEEDWATER
	0588 CATEG.: A								TAG :FT-09-2B1
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0638

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : FT-09-2B2	OPERABIL-ITY NORM/TEST	40 YEARS CONT < 24 HRS POST DBA	40 YEARS >27 HRS. POST DBA	FSAR TABLE 3.11-2	RSMNT LTTR OF 8-13-81 SUPPL RSMT REP 108025	COMBND TEST EXTRPL NOTE 3	/	NONE	ACCEL TIME: 47 DAYS 3
EQUIPMENT: SENSORS TYPE									ACCEL TEMP: 203F
COMPONENT: FLOW TRANSMITR.	TEMPERAT-URE	108F NORM FIG. C-1A 136F 1200HR 127F DESIGN	110F NORM SEE NOTE 1 140F 1200HR 130F DESIGN	TTB23B SL2-FSAR TABLE 311-1 T408 2C	ROSEMONT REPORT NO. 108025 PAGE 42	COMBND TEST EXTRPL NOTE 3	H	NONE	REPLACEMENT: RSMT PROC. 1802,P47,48
MANUFACTURER: ROSEMOUNT									MAINTAIN.: SAME AS ABOV
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	ATMOS NORM 73 PSIG (ACC. DBA) >SL2 REQ.	PTB23B SL2-FSAR TABLE 311-1 P408 2C	ROSEMOUNT REPORT NO. 108025 P42	COMBND TEST EXTRPL NOTE 3	H	NONE	SUBCOMPONENTS:
MODEL AND: 1153DB5/ SERIAL # 370851	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23B SL2-FSAR TABLE 311-1 H408 2C	ROSEMOUNT REPORT NO. 108025 P22	COMBND TEST EXTRPL NOTE 3	/	NONE	1)HELB FIGURE C-1 A,B,C,D 2)REPL "WEAK LINK" CPNT PER ARRHENIUS "END PNT" 3
FUNCT.DES: AUX FWP 2B & SERVICE									3)IEEE323-74,ISA
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23B SL2-FSAR TABLE 311-1 C408 2C	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	STDS,EPRI NP 1558 USED FOR QUALIF
ACCUR. SPEC: +-0.25%									4)PURCHASED TO ANS SC 2 AND 3 AS WELL AS CLASS 1E
ACCUR. DEM.: <+-0.25% RSMT RPT 108026	R A D . 40YR/RW	2 HR 30 D 1 YR	1.0E5 INTEG RATED DOSE	2.2E7 RADS INTEGRATED DOSE	RTB23B SL2-FSAR TABLE 311-1 R408 2C	ROSEMOUNT REPORT NO. 108025 P40	COMBND TEST EXTRPL NOTE 3	M	NONE	5)"WEAK LINK" CPNT IDENTIFIED TO HAVE ACTIVATION ENERGY = TO 0.78 EV
SPECIFICATIONS: 138									
P.O #:422582 CWD # : 601 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS SEE NOTE 2	10CFR50 PARA 50.51	ROSEMOUNT REPORT NO. 108025 P34	COMBND TEST EXTRPL NOTE 3	/	NONE	SAFETY FUNCTION:
PLANT LOC.: TB23									
COORDINATES X- 693.0 Y- 1416.0 Z- 23.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23B SL2-FSAR TABLE 311-1 S408 2C	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	PAM
INSTALLED (Y/N): YES									AUTH. REFERENCE: 7.3-2
INSTAL. REF: FV0130	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 8.1 3
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	8.1							
QUALIF QUALIFIED	TEMPERATURE T	8.1							
STATUS	PRESSURE P	8.1							
********	REL. HUMDTY H	8.1							
*	CHEM. SPRAY C	8.1							
**********	RADIATION R	8.1							
PHYS DWG REF: 2998G-408 2C	AGING	8.1							
PHYS DWG LOC:	SUBMERGENCE S	8.1							
MOUNTING : IR 22-1									
EQ PACK # : 8.1	SAR ENV CAT: K								
	10588 CATEG.: A								
	APPENDIX E								

REFERENCES: ROSEMOUNT REPORT 108025, ROSEMOUNT PROCEDURE 1802, ROSEMOUNT EQ ANALYSIS RPRT 57820,REV D,RSMNT RPRT 108026 VOL 5.1 AND 2,RSMNT LTR 081381

REVISION # :03
DATE :08/30/82

SYSTEM :AUXILIARY FEEDWATER
TAG :FT-09-2B2

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0639

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : FT-09-2C1	OPERABIL-ITY NORM/TEST	40 YEARS CONT < 24 HRS POST DBA	40 YEARS >27 HRS. POST DBA	FSAR TABLE 3.11-2	RSMNT LTTR OF 8-13-81 SUPPL RSMT REP108025	COMBND TEST EXTRPL NOTE 3	/	NONE	ACCEL TIME: 47 DAYS
EQUIPMENT: SENSORS TYPE		DBA							ACCEL TEMP: 203F
COMPONENT: FLOW TRANSMITR.	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	110F NORM SEE NOTE 1 140F1200HR 130FDESIGN	TTB23A SL2-FSAR TABLE311-1 T408 2C	ROSEMONT REPORT NO. 108025 PAGE 42	COMBND TEST EXTRPL NOTE 3	H	NONE	REPLACEMENT: RSMT PROC, 1802,P47,48
MANUFACTURER: ROSEMOUNT									MAINTAIN.:
MAJOR : NOT APPLICABLE SUPPLIER	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	ATMOS NORM 73 PSIG (ACC. DBA) >SL2 REQ.	PTB23A SL2-FSAR TABLE311-1 P408 2C	ROSEMOUNT REPORT NO. 108025 P42	COMBND TEST EXTRPL NOTE 3	H	NONE	SAME AS ABOV SUBCOMPONENTS:
MODEL AND: 1153DB5/ SERIAL # 328258	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23A SL2-FSAR TABLE311-1 H408 2C	ROSEMOUNT REPORT NO. 108025 P22	COMBND TEST EXTRPL NOTE 3	/	NONE	1)HELB FIGURE C-1 A,B,C,D 2)REPL "WEAK LINK" CPNT PER ARRHENIUS "END PNT"
FUNCT.DES: AUX FWP 2C & SERVICE DISCHARGE FLOW									3)IEEE323-74,ISA
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23A SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	STDS,EPRI NP 1558 USED FOR QUALIF 4)PURCHASED TO ANS SC 2 AND 3 AS WELL AS CLASS IE
ACCUR. SPEC: +-0.25%									
ACCUR. DEM.: <+-0.25% RSMT RPT108026	R A D . 40YR/RW	2 HR 30 D 1 YR	1.0E5 INTEG RATED DOSE	2.2E7 RADS INTEGRATED DOSE	RTB23A SL2-FSAR TABLE311-1 R408 2C	ROSEMOUNT REPORT NO. 108025 P40	COMBND TEST EXTRPL NOTE 3	M	NONE	5)"WEAK LINK" CPNT IDENTIFIED TO HAVE ACTIVATION ENERGY = TO 0.78 EV
SPECIFICATIONS: 138									
P.O #:422582 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS SEE NOTE 2	10CFR50 PARA 50.51	ROSEMOUNT REPORT NO. 108025 P34	COMBND TEST EXTRPL NOTE 3	/	NONE	SAFETY FUNCTION:
PLANT LOC.: TB23									
COORDINATES X- 709.0 Y- 1418.0 Z- 23.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23A SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	PAM AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0131	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:8.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.1							
QUALIF QUALIFIED	TEMPERATURE T	8.1							
STATUS	PRESSURE P	8.1							
********	REL. HUMDTY H	8.1							
*	CHEM. SPRAY C	8.1							
	RADIATION R	8.1	REFERENCES: ROSEMOUNT REPORT 108025, ROSEMOUNT PROCEDURE 1802, ROSEMOUNT EQ ANALYSIS RPRT 57820,REV D,RSMNT RPRT 108026 VOL 5.1 AND 2,RSMNT LTR 081381						
PHYS DWG REF: 2998G-408 2C	AGING	8.1							
PHYS DWG LOC:	SUBMERGENCE S	8.1							REVISION # :03
MOUNTING : IR 22-1A									DATE :08/30/82
EQ PACK # : 8.1	SAR ENV CAT: K								
	0588 CATEG.: A								SYSTEM :AUXILIARY FEEDWATER
	APPENDIX E								TAG :FT-09-2C1

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0640

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : FT-09-2C2	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS CONT < 24 HRS POST DBA	40 YEARS >27 HRS. POST DBA	FSAR TABLE 3.11-2	RSMNT LTTR OF 8-13-81 SUPPL RSMT REP108025	COMBND TEST EXTRPL NOTE 3	/	NONE	ACCEL TIME: 47 DAYS
EQUIPMENT: SENSORS TYPE									ACCEL TEMP: 203F
COMPONENT: FLOW TRANSMITR.	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	110F NORM SEE NOTE 1 140F1200HR 130FDESIGN	TTB23B SL2-FSAR TABLE311-1 T408 2C	ROSEMONT REPORT NO. 108025 PAGE 42	COMBND TEST EXTRPL NOTE 3	H	NONE	REPLACEMENT: RSMT PROC, 1802,P47,48
MANUFACTURER:ROSEMOUNT									MAINTAIN.: SAME AS ABOV
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	ATMOS NORM 73 PSIG (ACC. DBA) >SL2 REQ.	PTB23B SL2-FSAR TABLE311-1 P408 2C	ROSEMOUNT REPORT NO. 108025 P42	COMBND TEST EXTRPL NOTE 3	H	NONE	SUBCOMPONENTS:
MODEL AND: 1153DB5/ SERIAL # 370850	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23B SL2-FSAR TABLE311-1 H408 2C	ROSEMOUNT REPORT NO. 108025 P22	COMBND TEST EXTRPL NOTE 3	/	NONE	1)HELB FIGURE C-1 A,B,C,D 2)REPL "WEAK LINK" CPNT PER ARRHENIUS "END PNT"
FUNCT.DES: AUX FWP 2C & SERVICE DISCHARGE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23B SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	3)IEEE323-74,ISA STDS,EPRI NP 1558 USED FOR QUALIF 4)PURCHASED TO ANS SC 2 AND 3 AS WELL AS CLASS IE
ACCUR. SPEC: +-0.25%									
ACCUR. DEM.: <+-0.25% RSMT RPT108026	R A D .	2 HR 30 D 1 YR 40YR/RW	1.0E5 INTEG RATED DOSE	2.2E7 RADS INTEGRATED DOSE	RTB23B SL2-FSAR TABLE311-1 R408 2C	ROSEMOUNT REPORT NO. 108025 P40	COMBND TEST EXTRPL NOTE 3	M	NONE	5)"WEAK LINK" CPNT IDENTIFIED TO HAVE ACTIVATION ENERGY = TO 0.78 EV
SPECIFICATIONS:138									
P.O #:422582 CWD # : 602 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS SEE NOTE 2	10CFR50 PARA 50.51	ROSEMOUNT REPORT NO. 108025 P34	COMBND TEST EXTRPL NOTE 3	/	NONE	SAFETY FUNCTION:
PLANT LOC.: TB23									
COORDINATES X- 693.0 Y- 1416.0 Z- 23.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23B SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	PAM
INSTALLED (Y/N): YES									AUTH. REFERENCE: 7.3-2
INSTAL. REF:FV0132	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:8.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.1							
QUALIF QUALIFIED *STATUS*	TEMPERATURE	T 8.1							
	PRESSURE	P 8.1							
	REL. HUMDTY	H 8.1							
	CHEM. SPRAY	C 8.1							
	RADIATION	R 8.1	REFERENCES: ROSEMOUNT REPORT 108025, ROSEMOUNT PROCEDURE 1802, ROSEMOUNT EQ ANALYSIS RPRT 57820,REV D,RSMNT RPRT 108026 VOL 5.1 AND 2,RSMNT LTR 081381						
	AGING	8.1							
	SUBMERGENCE	S 8.1							
PHYS DWG REF: 2998G-408 2C									
PHYS DWG LOC:	SAR ENV CAT: K								REVISION # :03
MOUNTING : IR 22-1	10588 CATEG.: A								DATE :08/30/82
EQ PACK # : 8.1	APPENDIX E								SYSTEM :AUXILIARY FEEDWATER
									TAG :FT-09-2C2

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0655

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FT-2212	OPERABIL-ITY NORM/TEST	40 YEARS CONT 180 DYS POST DBA	40 YEARS >200 DAYS, POST DBA	FSAR TABLE 3.11-2	RSMNT LTTR OF 8/13/81 SUPPL RSMT REP 88114	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 185 HRS
EQUIPMENT: SENSORS TYPE	DBA	DBA							ACCEL TEMP: 254F
COMPONENT: FLOW TRANSMITTER	TEMPERAT-URE	89.5F NORM 119F NO AC 116F 1200HR 108FDESIGN	110F NORM 140F 1200HR 130FDESIGN	TAB24B SL2-FSAR TABLE311-1 T391	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: RSMT PROC 1802 P.47,48
MANUFACTURER: ROSEMOUNT									MAINTAIN.:
MAJOR : CE SUPPLIER	PRESSURE	ATMOS NORM 0 PSIG (ACC. DBA)	ATMOS.NORM 73 PSIG. (ACC. DBA) >SL2 REQ.	PAB24B SL2-FSAR TABLE311-1 P391	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	M	NONE	SAME AS ABOV SUBCOMPONENTS:
MODEL AND: 1153HB5/ SERIAL # 358354	RELATIVE HUMIDITY	62.0% NORM	100%	HAB24B SL2-FSAR	ROSEMOUNT REPORT NO.	COMB. TEST &	/	NONE	NOTE 1)WEAK LINK COMPONENT PER
FUNCT.DES: FLOW FROM CHG & SERVICE PUMPS TO HTX		63.0% 1200H 39% DESIGN		TABLE311-1 H391	88114 PAGE 6	EXTRA- POL'N			ARRHENIUS "END PNT 2)IEEE-323-74, ISA STANDARDS,EPRI NP1558 USED FOR
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLICABLE	M	NONE	QUALIFICATION.
ACCUR. SPEC: TO .25%									
ACCUR. DEM.: TO .25%	R 2 HR A 30 D D 1 YR . 40YR/RW	170 5.0E4 2.0E5 2.6E5 2.9E5 3.7E5 5.0E4 2.5E5	2.2E7 RADS INTEGRATED DOSE	RAB24N SL2-FSAR TABLE311-1 R391	RSMT REPT 88114 P7	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:54									
P.O #:971618 CWD # : 0150/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS SEE NOTE 1	10CFR50 PARA 50.51	ROSEMOUNT REPORT NO. 88114 PAGE 4	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24									
COORDINATES X- 578.0 Y- 1557.0 Z- 5.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF:FV0137	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.1							PACKAGE:8.1
QUALIF QUALIFIED	TEMPERATURE	T 8.1							
STATUS	PRESSURE	P 8.1							
********	REL. HUMDTY	H 8.1							
*	CHEM. SPRAY	C 8.1							
	RADIATION	R 8.1	REFERENCES: ROSEMOUNT REPORT NO 88114, ROSEMOUNT PROCEDURE 57820, REV D,ROSEMONT REPORT 48123 REV A AND 2, ROSEMOUNT LETTER DATED 08-13-81						
PHYS DWG REF: 2998G-391	AGING	8.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 8.1							DATE :08/30/82
MOUNTING : IR 41-1B									
EQ PACK # : 8.1	SAR ENV CAT: D 10588 CATEG.: A APPENDIX E								SYSTEM :CHEMICAL&VOL CONTROL TAG :FT-2212

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0742

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : HCV-08-1A	OPERABIL-ITY /NORM/TEST /DBA	40 YRS <500 CYCLS UP TO 180 DY POSTDBA	40 YRS +40000CYCL	SL2-FSAR TABLE311-2 OPER. REVIEW	PG 5-1 OF NOTE 2 P.4-7 OF NOTE 3	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 268/248F
COMPONENT: ISOLATION VALVE	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	120F NORM >SL2 DBA REQUIRMNTS	TTB23C SL2-FSAR TABLE311-1 T408 2C	PG 4-21 OF NOTE 2 FIG.3 OF NOTE 3	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: FIG5,6 NOTE3
MANUFACTURER: ASCO/NAMCO									
MAJOR : SUPPLIER ROCKWELL	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	OPSIG NORM >SL2 DBA REQUIRMNTS	PTB23C SL2-FSAR TABLE311-1 P408 2C	PG 4-21 OF NOTE 2 FIG.3 OF NOTE 3	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: FIG5,6 NOTE3
MODEL AND: SERIAL # SEE NOTE 1	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	>90%	HTB23C SL2-FSAR TABLE311-1 H408 2C	P.8-2 OF NOTE 2 P.4-4 OF NOTE 3	COMB. TEST & EXTRA- POL'N	/	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT. NOTE(1).ASCO SLNDS
FUNCT.DES: & SERVICE MSIV CLOSE(MSIS)									AND NAMCO LIMIT
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23S SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	NOT APPLIC	M	NONE	SWITCHES NOT INSTALLED AS OF FIELD VERIFICATION DATE.
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 DI 1 YR 40YR/RW	1.0E5 INTEG RATED DOSE	2.0E8 TOTAL INTEGRATED DOSE	RTB23C SL2-FSAR TABLE311-1 R408 2C	P.4-4 OF NOTE 2 P.4-4 OF NOTE 3	COMB. TEST & EXTRA- POL'N	M	NONE	(2)ASCO REPT. AQS21678/TR REV.A (3)NAMCO REPT. QTR 105 DATED 8/80
SPECIFICATIONS: 115									
P.O #:422528 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	P.5-1 OF NOTE 2 P.4-12 OF NOTE 3	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: TB23									ESF
COORDINATES X- 737.0 Y- 1389.0 Z- 46.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23C SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	NOT APPLIC	M	NONE	
INSTALLED (Y/N): NO									AUTH. REFERENCE: 3.9-10
INSTAL. REF: FV0347									
QUALIF EXEMPTN: NOT APPLIC									

PARA-METER	SUPPL. REVIEW
OPERABILITY	3.2/9.2
TEMPERATURE T	3.2/9.2
PRESSURE P	3.2/9.2
REL. HUMDTY H	3.2/9.2
CHEM. SPRAY C	3.2/9.2
RADIATION R	3.2/9.2
AGING	3.2/9.2
SUBMERGENCE S	3.2/9.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.IEEE323-74,382-72
2.FLD VERIFY NP 8300 SERIES SOLENOIDS.

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2

REVISION # :03
DATE :08/30/82

SYSTEM :MAIN STEAM
TAG :HCV-08-1A

****
QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION
****
****

PHYS DWG REF: 2998G-408 2C
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.2/9.2

SAR ENV CAT: K
0588 CATEG.: A
APPENDIX E

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0743

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : HCV-08-1B	OPERABIL-ITY NORM/TEST	40 YRS <500 CYCLS UP TO 180 DY POSTDBA	40 YRS +40000CYCL	SL2-FSAR TABLE311-2 OPER. REVIEW	PG 5-1 OF NOTE 2 P.4-7 OF NOTE 3	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400 HRS
EQUIPMENT: VALVE OPERATORS TYPE	DBA								ACCEL TEMP: 268/248F
COMPONENT: ISOLATION VALVE	TEMPERAT-URE	108F NORM FIG. C-1A 136F 1200HR 127F DESIGN	120F NORM >SL2 DBA REQUIRMNTS	TTB23D SL2-FSAR TABLE311-1 T408 2C	PG 4-21 OF NOTE 2 FIG.3 OF NOTE 3	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: FIG5,6 NOTE3
MANUFACTURER: ASCO/NAMCO	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	OPSIG NORM >SL2 DBA REQUIRMNTS	PTB23D SL2-FSAR TABLE311-1 P408 2C	PG 4-21 OF NOTE 2 FIG.3 OF NOTE 3	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: FIG5,6 NOTE3
MAJOR SUPPLIER : ROCKWELL									SUBCOMPONENTS:
MODEL AND SERIAL # : SEE NOTE (1) REF 3	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	>90%	HTB23D SL2-FSAR TABLE311-1 H408 2C	P.8-2 OF NOTE 2 P.4-4 OF NOTE 3	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT. NOTE(1).ASCO SLNDS AND NAMCO LIMIT
FUNCT.DES: & SERVICE MSIV CLOSE(MSIS)	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23D SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	M	NONE	SWITCHES NOT INSTALLED AS OF FIELD VERIFICATION DATE.
ACCUR. SPEC: NOT APPLICABLE									(2)ASCO REPT. AQS21678/TR REV.A
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	1.0E5 INTEG RATED DOSE	2.0E8 TOTAL INTEGRATED DOSE	RTB23D SL2-FSAR TABLE311-1 R408 2C	P.4-4 OF NOTE 2 P.4-4 OF NOTE 3	COMB. TEST & EXTRA- POL'N	M	NONE	(3)NAMCO REPT. QTR 105 DATED 8/80
SPECIFICATIONS: 115									
P.O #: 422528 CWD # : /	AGE- INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	P.5-1 OF NOTE 2 P.4-12 OF NOTE 3	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: TB23									ESF
COORDINATES X- 687.0 Y- 1381.0 Z- 46.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23D SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	NOT APPLIC	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0348	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.2/9.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.2/9.2							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE	T 3.2/9.2							
	PRESSURE	P 3.2/9.2							
	REL. HUMDTY	H 3.2/9.2							
	CHEM. SPRAY	C 3.2/9.2							
	RADIATION	R 3.2/9.2							
PHYS DWG REF: 2998G-408 2C	AGING	3.2/9.2							
PHYS DWG LOC:	SUBMERGENCE	S 3.2/9.2							
MOUNTING : NOT APPLICABLE			REFERENCES: 1. IEEE323-74,382-72 2. REPLACE NON NP8300 SERIES SOLENOIDS. 3. ASCO SOLENOIDS INSTALLED IN VALVE SOL.#17,19,20,21,22						
EQ PACK # : 3.2/9.2	SAR ENV CAT: K								
	0588 CATEG.: A								
	APPENDIX E								REVISION # :03 DATE :08/30/82
									SYSTEM :MAIN STEAM TAG :HCV-08-1B

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0744

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HCV-09-1A	OPERABIL-ITY NORM/TEST DBA	500 TEST CYCLES 1 MIN.POST DBA	1200 TEST CYCLES 800 CYCLES REF 1	FSAR TABLE 3.11-2	WYLE LAB REPT.#4384 I7-2,SEC.6, I7,8,9,12	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 317.6HRS.
EQUIPMENT: VALVES TYPE									ACCEL TEMP: 250F
COMPONENT: CONTROL VALVE (ACTUATOR)	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	122F NORM FIG.C-1A (ACC. DBA) REF 2	TTB23C SL2-FSAR TABLE311-1 T408 2C	WYLE LAB REPT.#4384 I7-2 XII-4	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE (NOTE 1)
MANUFACTURER: ANCHOR/DARLING COMPANY	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	ATMOS.NORM FIG. C-1B ACC. DBA REF 2	PTB23C SL2-FSAR TABLE311-1 P408 2C	WYLE LAB REPT.#4384 I7-2 XII-1, XII-4	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: SAME AS ABOVE
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND: 64324-C/001 SERIAL # SERIES/E93281-1	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100% REF 2	HTB23C SL2-FSAR TABLE311-1 H408 2C	WYLE LAB REPT.#4384 I7-2 XII-1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT.
FUNCT.DES: MFIV & SERVICE CLOSE(MSIS)									REF 3.IEEE 323-74, 382-72,383-74 ARE
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23S SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	NOT APPLI- CABLE	M	NONE	APPLICABLE.
ACCUR. SPEC: N/A									
ACCUR. DEM.: N/A	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	2.5E6 INTEGRATED DOSE	RTB23C SL2-FSAR TABLE311-1 R408 2C	WYLE LAB REPT.#4384 I7-2 III P. 111-1	COMB. TEST & EXTRA- POL'N	M	NONE	(NOTE 1) TABLE 1 EPS-114 APP.A OF S45/6848
SPECIFICATIONS: 111J									
P.O #:422702 CWD # : 0655/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	>40 YEARS REF 1	10CFR50 PARA 50.51	WYLE LAB REPT.#4384 P.2	REF 3	/	NONE	SAFETY FUNCTION:
PLANT LOC.: TB23									ESF
COORDINATES X- 739.0 Y- 1416.0 Z- 45.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23C SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	NOT APPLI- CABLE	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF:FV0140	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:35.8
QUALIF EXEMPTN: NOT EXEMPT									
**********	OPERABILITY	35.8							
QUALIF QUALIFIED	TEMPERATURE T	35.8							
STATUS	PRESSURE P	35.8							
********	REL. HUMDTY H	35.8							
*	CHEM. SPRAY C	35.8							
**********	RADIATION R	35.8							
PHYS DWG REF: 2998G-408 2C	AGING	35.8							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	35.8							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 35.8	SAR ENV CAT: K								SYSTEM :AUXILIARY FEEDWATER
	0588 CATEG.: A								TAG :HCV-09-1A
	APPENDIX E								

REFERENCES:
1. >40 YR LIFE WITH MANUF. REPLACEMENT & MAINTENANCE SCHEDULE
2. TEST DATA ENVELOPES SL2 MSLB CHARACTERISTIC. REF 3 UNDER SUBCOMPONENTS

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0745

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HCV-09-1B	OPERABIL-ITY NORM/TEST DBA	500 TEST CYCLES 1 MIN.POST DBA	1200 TEST CYCLES 800 CYCLES REF 1	FSAR TABLE 3.11-2	WYLE LAB REPT.#4384 I7-2,SEC.6, I7,8,9,12	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 317.6HRS.
EQUIPMENT: VALVES TYPE									ACCEL TEMP: 250F
COMPONENT: CONTROL VALVE (ACTUATOR)	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	122F NORM FIG.C-1A (ACC. DBA) REF 2	TTB23C SL2-FSAR TABLE311-1 T408 2C	WYLE LAB REPT.#4384 I7-2 XII-4	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE (NOTE 1)
MANUFACTURER: ANCHOR/DARLING COMPANY	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	ATMOS.NORM FIG. C-1B ACC. DBA REF 2	PTB23C SL2-FSAR TABLE311-1 P408 2C	WYLE LAB REPT.#4384 I7-2 XII-1, IXII-4	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: SAME AS ABOVE
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS: NO UNIQUE TAGGED
MODEL AND: 64324-C/001 SERIAL # SERIES/E93281-2	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100% REF 2	HTB23C SL2-FSAR TABLE311-1 H408 2C	WYLE LAB REPT.#4384 I7-2 XII-1	COMB. TEST & EXTRA- POL'N	/	NONE	SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT.
FUNCT.DES: MFIV & SERVICE CLOSE(MSIS)									REF 3.IEEE 323-74, 382-72,383-74 ARE
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23S SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	NOT APPLI-CABLE	M	NONE	APPLICABLE.
ACCUR. SPEC: N/A									
ACCUR. DEM.: N/A	R A D . 40YR/RW	2 HR 30 D 1 YR	1.0E5 INTEG RATED DOSE	2.5E6 INTEGRATED DOSE	RTB23C SL2-FSAR TABLE311-1 R408 2C	WYLE LAB REPT.#4384 I7-2 III P. I11-1	COMB. TEST & EXTRA- POL'N	M	NONE	(NOTE 1) TABLE 1 EPS-114 APP.A OF S45/6848
SPECIFICATIONS: 111J									
P.O #:422702 CWD # : 0656/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	>40 YEARS REF 1	10CFR50 PARA 50.51	WYLE LAB REPT.#4384 P.2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: TB23									ESF
COORDINATES X- 738.0 Y- 1413.0 Z- 45.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23C SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	NOT APPLI-CABLE	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									

INSTAL. REF:FV0142
QUALIF EXEMPTN: NOT APPLIC

PARAMETER	SUPPL. REVIEW
OPERABILITY	35.8
TEMPERATURE T	35.8
PRESSURE P	35.8
REL. HUMDTY H	35.8
CHEM. SPRAY C	35.8
RADIATION R	35.8
AGING	35.8
SUBMERGENCE S	35.8

QUALIF QUALIFIED
STATUS

PHYS DWG REF: 2998G-408 2C
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 35.8

SAR ENV CAT: K
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1.>40 YR LIFE WITH MANUF. REPLACEMENT & MAINTENANCE SCHEDULE
2. TEST DATA ENVELOPES SL2 MSLB CHARACTERISTIC.
REF 3 UNDER SUBCOMPONENTS

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:35.8

REVISION # :03
DATE :08/30/82

SYSTEM :AUXILIARY FEEDWATER
TAG :HCV-09-1B

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0746

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL 1	DEM. QUALIF. 2	DOCUMENTATION ACTUAL 3	DEM. QUALIF. 4	QUALIF. METHOD 5	H/M 6	OUTS ITEMS 7	
TAG NO : HCV-09-2A	OPERABIL-ITY NORM/TEST DBA	500 TEST CYCLES 1 MIN.POST DBA	1200 TEST CYCLES 800 CYCLES REF 1	FSAR TABLE 3.11-2	WYLE LAB REPT.#4384 17-2,SEC.6, 7,8,9,12	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 317.6HRS.
EQUIPMENT: VALVES TYPE									ACCEL TEMP: 250F
COMPONENT: CONTROL VALVE (ACTUATOR)	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	122F NORM FIG.C-1A (ACC. DBA) REF 2	TTB23C SL2-FSAR TABLE311-1 T408 2C	WYLE LAB REPT.#4384 17-2 XII-4	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE (NOTE 1)
MANUFACTURER: ANCHOR/DARLING COMPANY	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	ATMOS.NORM FIG. C-1B ACC. DBA REF 2	PTB23C SL2-FSAR TABLE311-1 P408 2C	WYLE LAB REPT.#4384 17-2 XII-1, XII-4	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: SAME AS ABOVE
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : 64324-C/001 SERIES/E93281-3	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100% REF 2	HTB23C SL2-FSAR TABLE311-1 H408 2C	WYLE LAB REPT.#4384 17-2 XII-1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT. REF 3.IEEE 323-74, 382-72,383-74 ARE APPLICABLE.
FUNCT.DES: & SERVICE MFIV CLOSE(MSIS)									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23S SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	NOT APPLI-CABLE	M	NONE	
ACCUR. SPEC: N/A									3
ACCUR. DEM.: N/A	R A D . 40YR/RW	2 HR 30 D 1 YR 1.0E5 INTEG RATED DOSE	2.5E6 INTEGRATED DOSE	RTB23C SL2-FSAR TABLE311-1 R408 2C	WYLE LAB REPT.#4384 17-2 III P. 111-1	COMB. TEST & EXTRA- POL'N	M	NONE	(NOTE 1) TABLE 1 EPS-114 APP.A OF S45/6848
SPECIFICATIONS: 111J									
P.O #:422702 CWD # : 0671/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	>40 YEARS REF 1	10CFR50 PARA 50.51	WYLE LAB REPT.#4384 P.2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: TB23									ESF
COORDINATES X- 710.0 Y- 1400.0 Z- 45.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23C SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	NOT APPLI-CABLE	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0353	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:35.8
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	35.8							
QUALIF QUALIFIED	TEMPERATURE	T 35.8							
STATUS	PRESSURE	P 35.8							
*******	REL. HUMDTY	H 35.8							
*	CHEM. SPRAY	C 35.8							
	RADIATION	R 35.8							
PHYS DWG REF: 2998G-408 2C	AGING	35.8							
PHYS DWG LOC:	SUBMERGENCE	S 35.8							
MOUNTING : NOT APPLICABLE									
EQ PACK # : 35.8	SAR ENV CAT: K								
	10588 CATEG.: A								
	APPENDIX E								

REFERENCES: 1.>40 YR LIFE WITH MANUF. REPLACEMENT & MAINTENANCE SCHEDULE
2. TEST DATA ENVELOPES SL2 MSLB CHARACTERISTIC.
REF 3 UNDER SUBCOMPONENTS

REVISION # :03
DATE :08/30/82

SYSTEM :AUXILIARY FEEDWATER
TAG :HCV-09-2A

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0747

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF. 2	DOCUMENTATION ACTUAL 3	DOCUMENTATION DEM. QUALIF. 4	QUALIF. METHOD 5	H/M 6	OUTS ITEMS 7	
TAG NO : HCV-09-2B	OPERABIL-ITY NORM/TEST	500 TEST CYCLES 1 MIN.POST	1200 TEST CYCLES 800 CYCLES	FSAR TABLE 3.11-2	WYLE LAB REPT.#4384 7-2,SEC.6,	COMB. TEST & EXTRA-	/	NONE	ACCEL TIME: 317.6HRS.
EQUIPMENT: VALVES TYPE	DBA	DBA	REF 1		7,8,9,12	POL'N			ACCEL TEMP: 250F
COMPONENT: CONTROL VALVE (ACTUATOR)	TEMPERAT-URE	108F NORM FIG.C-1A 136F 1200HR 127F DESIGN	122F NORM FIG.C-1A (ACC. DBA) REF 2	TTB23C SL2-FSAR TABLE311-1 T408 2C	WYLE LAB REPT.#4384 7-2 XII-4	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE (NOTE 1)
MANUFACTURER: ANCHOR/DARLING COMPANY	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS.NORM FIG. C-18 ACC. DBA REF 2	PAB27 SL2-FSAR TABLE311-1 P394	WYLE LAB REPT.#4384 7-2 XII-1, XII-4	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: SAME AS ABOVE SUBCOMPONENTS:
MODEL AND: 64324-C/001 SERIAL # SERIES/E93281-4	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100% REF 2	HTB23C SL2-FSAR TABLE311-1 H408 2C	WYLE LAB REPT.#4384 7-2 XII-1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT.
FUNCT.DES: MFIV & SERVICE CLOSE(MSIS)									REF 3.IEEE 323-74, 382-72,383-74 ARE
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB26 SL2-FSAR TABLE311-1 C	NOT APPLICABLE	NOT APPLI- CABLE	M	NONE	APPLICABLE.
ACCUR. SPEC: N/A									
ACCUR. DEM.: N/A	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	2.5E6 INTEGRATED DOSE	RTB23C SL2-FSAR TABLE311-1 R408 2C	WYLE LAB REPT.#4384 7-2 III P. 111-1	COMB. TEST & EXTRA- POL'N	M	NONE	(NOTE 1) TABLE 1 EPS-114 APP.A OF S45/6848
SPECIFICATIONS: 111J									
P.O #:422702 CWD # : 0672/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	>40 YEARS REF 1	10CFR50 PARA 50.51	WYLE LAB REPT.#4384 P.2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: TB23									ESF
COORDINATES X- 619.0 Y- 1389.0 Z- 45.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	STB23C SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	NOT APPLI- CABLE	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0146	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:35.8
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	35.8							
QUALIF QUALIFIED	TEMPERATURE	35.8							
STATUS	PRESSURE P	35.8							
	REL. HUMDTY	35.8							
*	CHEM. SPRAY C	35.8	REFERENCES: 1.>40 YR LIFE WITH MANUF. REPLACEMENT & MAINTENANCE SCHEDULE 2. TEST DATA ENVELOPES SL2 MSLB CHARACTERISTIC. REF 3 UNDER SUBCOMPONENTS						
	RADIATION	35.8							
PHYS DWG REF: 2998G-394	AGING	35.8							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	35.8							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 35.8	SAR ENV CAT: E								SYSTEM :AUXILIARY FEEDWATER
	0588 CATEG.: A								TAG :HCV-09-2B
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0748

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HCV-14-1	OPERABIL-ITY /NORM/TEST	40 YRS CON <60 SEC POST DBA	40 YRS CON	SL2-FSAR TBL 3.11-2 OPER.RVIEW	ASCO RPT AQS21678/T R REV.A NAMCO RPT	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: S:288HR(R4)
EQUIPMENT: VALVE OPERATORS TYPE	DBA	<300000CYCL	40000CYCL				.		ACCEL TEMP: S:288F(R4)
COMPONENT: CONTROL VALVE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM (ACC DBA)	TRB15 SL2-FSAR TABLE311-1 T365	PG 4-21 OF [REF.1]; FIG 1 OF [REF 2]	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 3
MANUFACTURER: ASCO/NAMCO	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM FIG 9 (ACC. DBA) SEE NOTES	PRB15 SL2-FSAR TABLE311-1 P365	PG 4-21 OF [REF.1] FIG 1 OF REF.2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 3
MAJOR : HENRY PRATT SUPPLIER									SUBCOMPONENTS:
MODEL AND: SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	PG.8-2 OF [REF 1] TSTPLN P11 -10 OF R2	COMB. TEST & EXTRA- POL'N	/	NONE	****NOTE;LIMIT SW. "LS";SOLENOIDS "S" "SOL" 1)BASED ON STATED REPL. SCHED 2)IEEE-323-74,344-75,382-72 USED IN QUAL. 3)SL2 LOCA CHARACTERISTICS ENVEL. BY TST DATA 4)ALL INSTALLATNS TO BE FLD VRFD. 5)FLD VERIFY NP 8300 SOLENOIDS. 6)CONAX MOD. NOT INSTALLED PER FV0024.
FUNCT.DES: & SERVICE RCP COOLING WATER SUPPLY ISOLATION VALVE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH9.5-10.5	CRB15 SL2-FSAR TABLE311-1 C365	PG 4-4 OF [REF 1] PG 10 OF [REF 2]	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8T.I.D	RRB15B SL2-FSAR TABLE311-1 R365	PG 4-4 OF [REF 1] PG4,APP. A OF REF.2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 114									
P.O #:422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG 5-1 OF REF 1 TSTPLN P11 -19 OF[R2]	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS
PLANT LOC.: RB15									
COORDINATES X- 633.0 Y- 1492.0 Z- 20.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE NOTE4	SRB15 SL2-FSAR TABLE311-1 S365	NOTE 4	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): NO									
INSTAL. REF: FV0151	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	3.2/9.2							
QUALIF QUALIFIED-FOR	TEMPERATURE T	3.2/9.2							
STATUS INTERIM OPERATION	PRESSURE P	3.2/9.2							
	REL. HUMDTY H	3.2/9.2							
	CHEM. SPRAY C	3.2/9.2	REFERENCES: 1)ASCO RPT AQS21678/TR REV A 2(NAMCO RPT 2/20/78 3)SOL:SEE SRS # A3.2;LS:SEE SRS # A9.3A 4)LSTIME:200HRS:LSTEMP:200F						
	RADIATION R	3.2/9.2							
	AGING	3.2/9.2							REVISION # :03
PHYS DWG REF: 2998G-365	SUBMERGENCE S	3.2/9.2							DATE :08/30/82
PHYS DWG LOC:									
MOUNTING : NOT APPLICABLE									SYSTEM :COMPONENT COOLING
EQ PACK # : 3.2/9.2	SAR ENV CAT: A								TAG :HCV-14-1
	0588 CATEG.: A								
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0750

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : HCV-14-2	OPERABIL-ITY NORM/TEST DBA	40 YRS CON <60 SEC POST DBA <30000CYCL	40 YRS CON 40000CYCL	SL2-FSAR TBL 3.11-2 OPER.RVIEW	ASCO RPT AOS21678/T IR REV.A NAMCO RPT	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: S:288HR(R4)
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: S:268F(R4)
COMPONENT: CONTROL VALVE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM FIG 10 (ACC DBA)	TRB15 SL2-FSAR TABLE311-1 T365	PG 4-21 OF [REF.1]; FIG 1 OF [REF 2]	COMB. TEST & EXTRA-POL'N	H	NONE	REPLACEMENT: REF 3
MANUFACTURER: ASCO/NAMCO									MAINTAIN.: REF 3
MAJOR SUPPLIER : HENRY PRATT	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM FIG 9 (ACC. DBA) SEE NOTES	PRB15 SL2-FSAR TABLE311-1 P365	PG 4-21 OF [REF.1] FIG 1 OF REF.2	COMB. TEST & EXTRA-POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: S:NP8321A2E SERIAL # LS:EA74020100	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	PG.8-2 OF [REF 1] TSTPLN P11 -10 OF R2	COMB. TEST & EXTRA-POL'N	/	NONE	****NOTE;LIMIT SW. "LS";SOLENOIDS "S" "SOL" 1)BASED ON STATED REPL. SCHED 2)IEEE-323-74,344-75,382-72 USED IN QUAL. 3)SL2 LOCA CHARACTERISTICS ENVEL. BY TST DATA 4)ALL INSTALLATNS WERE FLD VERIFIED
FUNCT.DES: RCP COOLING WA & SERVICE TER SUPPLY ISO LATION VALVE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH9.5-10.5	CRB15 SL2-FSAR TABLE311-1 C365	PG 4-4 OF [REF 1] PG 10 OF [REF 2]	COMB. TEST & EXTRA-POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8T.I.D	RRB15B SL2-FSAR TABLE311-1 R365	PG 4-4 OF [REF 1] PG4,APP. A OF REF.2	COMB. TEST & EXTRA-POL'N	H	NONE	ABOVE FLOOD LEVEL.
SPECIFICATIONS: 114									
P.O #:422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG 5-1 OF REF 1 TSTPLN P11 -19 OF[R2]	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: RPS
PLANT LOC.: RB15									
COORDINATES X- 633.0 Y- 1493.0 Z- 20.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE NOTE4	SRB15 SL2-FSAR TABLE311-1 S365	NOTE 4	COMB. TEST & EXTRA-POL'N	H	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0152	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.2/9.2							
**********	TEMPERATURE T	3.2/9.2							
QUALIF QUALIFIED-FOR	PRESSURE P	3.2/9.2							
STATUS INTERIM OPERATION	REL. HUMDTY H	3.2/9.2							
********	CHEM. SPRAY C	3.2/9.2							
*	RADIATION R	3.2/9.2	REFERENCES: 1)ASCO RPT AOS211678/TR REV A 2(NAMCO RPT 2/20/78 3)SOL:SEE SRS # A3.2;LS:SEE SRS # A9.3A 4)LSTIME:200HRS:LSTEMP:200F						
**********	AGING	3.2/9.2							
PHYS DWG REF: 2998G-365	SUBMERGENCE S	3.2/9.2							
PHYS DWG LOC:									REVISION # :03
MOUNTING : NOT APPLICABLE									DATE :08/30/82
EQ PACK # : 3.2/9.2	SAR ENV CAT: A								SYSTEM :COMPONENT COOLING
	0588 CATEG.: A								TAG :HCV-14-2
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0751

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : HCV-14-3A	OPERABIL-ITY NORM/TEST DBA	40 YRS CON <60 SEC POST DBA <30000CYCL	40 YRS CON	SL2-FSAR TBL 3.11-2 OPER.RVIEW	ASCO RPT AQS21678/T R REV.A NAMCO RPT	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: S:288HR(R4)
EQUIPMENT: VALVE OPERATORS TYPE			40000CYCL						ACCEL TEMP: S:268F(R4)
COMPONENT: CONTROL VALVE	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	120F NORM >SL2 DBA REQUIREMNT	TAB24H SL2-FSAR TABLE311-1 T390	PG 4-21 OF [REF.1]; FIG 1 OF [REF 2]	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 3
MANUFACTURER: ASCO/NAMCO			120F NORM >SL2 DBA REQUIREMNT						
MAJOR SUPPLIER : HENRY PRATT	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	OPSIG NORM >SL2 DBA REQUIREMNT	PAB24 SL2-FSAR TABLE311-1 P390	PG 4-21 OF [REF.1] FIG 1 OF REF.2	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 3
MODEL AND SERIAL #: S:HTX8318G13E LS:EA74020100	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24H SL2-FSAR TABLE311-1 H390	PG.8-2 OF [REF 1] TSTPLN P11 -10 OF R2	COMB. TEST & EXTRA- POL'N	/	NONE	SUBCOMPONENTS: ****NOTE;LIMIT SW. "LS";SOLENOIDS "S" "SOL" 1)BASED ON STATED REPL. SCHED 2)IEEE-323-74,344-75,382-72 USED IN QUAL. 3)SL2 LOCA CHARACTERISTICS ENVEL. BY TST DATA 4)REPL. NON NP 8300 SOLENOIDS.
FUNCT.DES: & SERVICE CCW OUTLET VALVE FROM SHUTDOWN HX 2A	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	260 4.0E5 3.0E5 2.0E6 4.5E5 3.5E6 5.0E4 2.0E6	2.0E8T.I.D	RAB24K SL2-FSAR TABLE311-1 R390	PG 4-4 OF [REF 1] PG4,APP. A OF REF.2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 114									
P.O #:422537 CWD # : 0211/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG 5-1 OF REF 1 TSTPLN P11 -19 OF[R2]	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS
PLANT LOC.: AB24									
COORDINATES X- 565.0 Y- 1450.0 Z- 5.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0153									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.2/9.2
TEMPERATURE T	3.2/9.2
PRESSURE P	3.2/9.2
REL. HUMDTY H	3.2/9.2
CHEM. SPRAY C	3.2/9.2
RADIATION R	3.2/9.2
AGING	3.2/9.2
SUBMERGENCE S	3.2/9.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2

****
QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION
****
****

REFERENCES:
1)ASCO RPT AQS211678/TR REV A
2(NAMCO RPT 2/20/78 3)SOL:SEE SRS # A3.2;LS:SEE SRS # A9.3E
4)LSTIME:200HRS;LSTEMP:200F

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.2/9.2

SAR ENV CAT: D
0588 CATEG.: A
APPENDIX E

REVISION # :03
DATE :08/30/82

SYSTEM :COMPONENT COOLING
TAG :HCV-14-3A

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0752

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HCV-14-3B	OPERABIL-ITY NORM/TEST	40 YRS CON <60 SEC POST DBA	40 YRS CON	SL2-FSAR TBL 3.11-2 OPER.RVIEW	ASCO RPT AQS21678/T R REV.A	COMB. TEST & EXTRA-	/	NONE	ACCEL TIME: S:288HR(R4)
EQUIPMENT: VALVE OPERATORS TYPE	DBA	<30000CYCL	40000CYCL		NAMCO RPT	POL'N			ACCEL TEMP: S:268F(R4)
COMPONENT: CONTROL VALVE	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	120F NORM >SL2 DBA REQUIREMNT	TAB24H SL2-FSAR TABLE311-1 T390	PG 4-21 OF [REF.1]; FIG 1 OF [REF 2]	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 3
MANUFACTURER: ASCO/NAMCO									
MAJOR : HENRY PRATT SUPPLIER	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	OPSIG NORM >SL2 DBA REQUIREMNT	PAB24 SL2-FSAR TABLE311-1 P390	PG 4-21 OF [REF.1] FIG 1 OF REF.2	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 3 SUBCOMPONENTS:
MODEL AND: S:NP831655E SERIAL # LS:EA74020100	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24H SL2-FSAR TABLE311-1 H390	PG.8-2 OF [REF 1] TSTPLN P11 -10 OF R2	COMB. TEST & EXTRA- POL'N	/	NONE	****NOTE;LIMIT SW. "LS";SOLENOIDS "S" "SOL" 1)BASED ON STATED REPL. SCHED 2)IEEE-323-74,344-75,382-72 USED IN QUAL. 3)SL2 LOCA CHARACTERISTICS ENVEL. BY TST DATA
FUNCT.DES: & SERVICE CCW OUTLET VALVE FROM SHUTDOWN HX 2B	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	260 4.0E5 3.0E5 2.0E6 4.5E5 3.5E6 5.0E4 2.0E6	2.0E8T.I.D	RAB24K SL2-FSAR TABLE311-1 R390	PG 4-4 OF [REF 1] PG4,APP. A OF REF.2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 114									
P.O #:422537 CWD # : 0211/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG 5-1 OF REF 1 TSTPLN P11 -19 OF[R2]	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS
PLANT LOC.: AB24									
COORDINATES X- 565.0 Y- 1430.0 Z- 5.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0154	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.2/9.2							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE	T 3.2/9.2							
	PRESSURE	P 3.2/9.2							
	REL. HUMDTY	H 3.2/9.2							
	CHEM. SPRAY	C 3.2/9.2							
	RADIATION	R 3.2/9.2	REFERENCES: 1)ASCO RPT AQS211678/TR REV A 2(NAMCO RPT 2/20/78 3)SOL:SEE SRS # A3.2;LS:SEE SRS # A9.3E 4)LSTIME:200HRS;LSTEMP:200F						
	AGING	3.2/9.2							
	SUBMERGENCE	S 3.2/9.2							
PHYS DWG REF: 2998G-390									REVISION # :03
PHYS DWG LOC:	SAR ENV CAT: D								DATE :08/30/82
MOUNTING : NOT APPLICABLE	0588 CATEG.: A								SYSTEM :COMPONENT COOLING
EQ PACK # : 3.2/9.2	APPENDIX E								TAG :HCV-14-3B

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0753

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : HCV-14-6	OPERABIL-ITY	40 YRS CON <60 SEC	40 YRS CON	SL2-FSAR TBL 3.11-2 OPER.RVIEW	ASCO RPT AQS21678/T R REV.A	COMB. TEST & EXTRA-	/	NONE	ACCEL TIME: S:288HR(R4)
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA	POST DBA <30000CYCL	40000CYCL		NAMCO RPT	POL'N			ACCEL TEMP: S:268F(R4)
COMPONENT: CONTROL VALVE	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	120F NORM >SL2 DBA REQUIREMNT	TAB25C SL2-FSAR TABLE311-1 T393	PG 4-21 OF [REF.1]; FIG 1 OF [REF 2]	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 3
MANUFACTURER:ASCO/NAMCO	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	OPSIG NORM >SL2 DBA REQUIREMNT	PAB25C SL2-FSAR TABLE311-1 P393	PG 4-21 OF [REF.1] FIG 1 OF REF.2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 3
MAJOR SUPPLIER : HENRY PRATT									SUBCOMPONENTS:
MODEL AND SERIAL #: S:NP8321A-2-E LS:EA74020100	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	100%	HAB25C SL2-FSAR TABLE311-1 H393	PG.8-2 OF [REF 1] TSTPLN P11 1-10 OF R2	COMB. TEST & EXTRA- POL'N	/	NONE	****NOTE:LIMIT SW. "LS":SOLENOIDS "S" "SOL" 1)BASED ON STATED REPL. SCHED 2)IEEE-323-74,344-75,382-72 USED IN QUAL. 3)SL2 LOCA CHARACTERISTICS ENVEL. BY TST DATA
FUNCT.DES: & SERVICE RCP COOLING WATER SUPPLY ISOLATION VALVE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 370 1.0E5 30 D 4.0E5 5.2E5 1 YR 6.1E5 7.3E5 1.0E4 5.0E5	2.0E8T.I.D	RAB25C SL2-FSAR TABLE311-1 R393	PG 4-4 OF [REF 1] PG4,APP. A OF REF.2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:114									
P.O #:422537 CWD # : 0212/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG 5-1 OF REF 1 TSTPLN P11 1-19 OF[R2]	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS
PLANT LOC.: AB25									
COORDINATES X- 610.0 Y- 1488.0 Z- 20.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	N/A	/	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES INSTAL. REF:FV0152 QUALIF EXEMPTN: NOT APPLIC	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2
**********	OPERABILITY	3.2/9.2							
QUALIF *STATUS* ******** QUALIFIED-FOR INTERIM OPERATION	TEMPERATURE T	3.2/9.2							
	PRESSURE P	3.2/9.2							
	REL. HUMDTY H	3.2/9.2							
	CHEM. SPRAY C	3.2/9.2							
	RADIATION R	3.2/9.2							
	AGING	3.2/9.2							
	SUBMERGENCE	3.2/9.2							
PHYS DWG REF: 2998G-393 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 3.2/9.2	SAR ENV CAT: D 0588 CATEG.: A APPENDIX E		REFERENCES: 1)ASCO RPT AQS211678/TR REV A 2(NAMCO RPT 2/20/78 3)SOL:SEE SRS # A3.2;LS:SEE SRS # A9.3F 4)LSTIME:200HRS;LSTEMP:200F						REVISION # :03 DATE :08/30/82 SYSTEM :COMPONENT COOLING TAG :HCV-14-6

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0754

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : HCV-14-7	OPERABILITY	40 YRS CON	40 YRS CON	SL2-FSAR	ASCO RPT	COMB.	/	NONE	ACCEL TIME:
	NORM/TEST	<60 SEC		TBL 3.11-2	AQS21678/T	TEST &			S:288HR(R4)
EQUIPMENT: VALVE OPERATORS	DBA	POST DBA		OPER.RVIEW	IR REV.A	EXTRA-			
TYPE		<30000CYCL	40000CYCL		NAMCO RPT	POL'N			ACCEL TEMP:
	TEMPERATURE	85.5F NORM	120F NORM	TAB25C	PG 4-21 OF	COMB.	H	NONE	S:268F(R4)
COMPONENT: CONTROL VALVE		FIG. C-2A	>SL DBA	SL2-FSAR	[REF.1];	TEST &			
		112F1200HR	REQUIREMNT	TABLE311-1	FIG 1 OF	EXTRA-			REPLACEMENT:
		104FDESIGN		T393	[REF 2]	POL'N			REF 3
MANUFACTURER: ASCO/NAMCO									
	PRESSURE	ATMOS NORM	OPSIG NORM	PAB25C	PG 4-21 OF	COMB.	H	NONE	MAINTAIN.:
		FIG. C-2B	>SL2 DBA	SL2-FSAR	[REF.1]	TEST &			REF 3
MAJOR : HENRY PRATT		(ACC. DBA)	REQUIREMNT	TABLE311-1	FIG 1 OF	EXTRA-			
SUPPLIER				P393	REF.2	POL'N			SUBCOMPONENTS:
	RELATIVE	70.0% NORM	100%	HAB25C	PG.8-2 OF	COMB.	/	NONE	
MODEL AND: S:NP8321A6	HUMIDITY	100% 24HRS		SL2-FSAR	[REF 1]	TEST &			****NOTE:LIMIT SW.
SERIAL # LS:EA18021302		72.0%1200H		TABLE311-1	TSTPLN P11	EXTRA-			"LS":SOLENOIDS "S"
		43% DESIGN		H393	-10 OF R2	POL'N			"SOL" 1)BASED ON
FUNCT.DES: RCP COOLING WA									STATED REPL. SCHED
& SERVICE TER SUPPLY ISO									2)IEEE-323-74,344-
LATION VALVE	CHEMICAL	AREA NOT	NOT	CAB25	NOT	N/A	M	NONE	75,382-72 USED IN
	SPRAY	SUBJECT TO	APPLICABLE	SL2-FSAR	APPLICABLE				QUAL. 3)SL2 LOCA
		CHEMICAL		TABLE311-1					CHARACTERISTICS
ACCUR. SPEC: NOT APPLICABLE		SPRAY							ENVEL. BY TST DATA
									4)NAMCO LIMIT
									SWITCH MODEL FLD
	R 2 HR	370 1.0E5	2.0E8T.I.D	RAB25C	PG 4-4 OF	COMB.	H	NONE	VERIFIED AS EA180
ACCUR. DEM.: NOT APPLICABLE	A 30 D	14.0E5 5.2E5		SL2-FSAR	[REF 1]	TEST &			SERIES. (THIS
	D 1 YR	16.1E5 7.3E5		TABLE311-1	PG4,APP. A	EXTRA-			SERIES QUAL. UNDER
	. 40YR/RW	11.0E4 5.0E5		R393	OF REF.2	POL'N			PKG 3.2/9.2)
SPECIFICATIONS: 114									
	AGE-	40 YEARS	40 YEARS	10CFR50	PG 5-1 OF	COMB.	/	NONE	SAFETY FUNCTION:
P.O #:422537 CWD # : 0212/	INST LIFE			PARA 50.51	REF 1	TEST &			RPS
	(PER 323-				TSTPLN P11	EXTRA-			
PLANT LOC.: AB25	1974 DEF.)				-19 OF[R2]	POL'N			
	SUBMERGED	NOT	NOT	NOT	NOT	N/A	/	NONE	
COORDINATES X- 610.0		APPLICABLE	APPLICABLE	APPLICABLE	APPLICABLE				
Y- 1485.0									AUTH. REFERENCE:
Z- 20.0									3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF:FV0358	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.2/9.2							PACKAGE:3.2/9.2
**********	TEMPERATURE T	3.2/9.2							
QUALIF QUALIFIED-FOR	PRESSURE P	3.2/9.2							
STATUS INTERIM OPERATION	REL. HUMDTY H	3.2/9.2							
********	CHEM. SPRAY C	3.2/9.2							3
*	RADIATION R	3.2/9.2	REFERENCES: 1)ASCO RPT AQS211678/TR REV A						
**********	AGING	3.2/9.2	.2(NAMCO RPT 2/20/78 3)SOL:SEE						
PHYS DWG REF: 2998G-393	SUBMERGENCE	3.2/9.2	SRS # A3.2;LS:SEE SRS # A9.3E						REVISION # :03
PHYS DWG LOC:			4)LSTIME:200HRS;LSTEMP:200F						DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.2/9.2	SAR ENV CAT: D								SYSTEM :COMPONENT COOLING
	0588 CATEG.: A								TAG :HCV-14-7
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0758

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : HCV-15-1	OPERABIL-ITY	40 YEARS 180 DAYS	>40 YEARS +40000CYCL	SL2-FSAR TBL3.11-2	PG.5-1 OF NOTE 1	COMB. TEST &	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS	NORM/TEST DBA	POST DBA			PG.4-7 OF NOTE 2	EXTRA- POL'N			ACCEL TEMP: 268/248F
TYPE	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	120F NORM >SL2 DBA REQUIRMNTS	TAB25C SL2-FSAR TABLE311-1 T393	PG 4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: FIG5,6 NOTE2
COMPONENT: CONTROL VALVE									
MANUFACTURER: ASCO/NAMCO	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	OPSIGNORM >SL2 DBA REQUIRMNTS	PAB25C SL2-FSAR TABLE311-1 P393	PG 4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: FIG5,6 NOTE2
MAJOR SUPPLIER : WKM									SUBCOMPONENTS:
MODEL AND: S:NP8321A1E SERIAL # LS:EA18021302	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	>90%	HAB25C SL2-FSAR TABLE311-1 H393	IP.8-2 OF NOTE 1 IP.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1:ASCO REPT. AQS21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80
FUNCT.DES: PRIMARY MAKEUP & SERVICE CLOSES(CIAS)									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	2.0E8 TOTAL INTEGRATED DOSE	RAB25C SL2-FSAR TABLE311-1 R393	IP.4-4 OF NOTE 1 IP.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 110									
P.O #:42255O CWD # : 0849/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 IP.4-12 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB25									
COORDINATES X- 606.0 Y- 1528.0 Z- 25.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	/	NONE	PAM AUTH. REFERENCE: MRL
INSTALLED (Y/N): YES									
INSTAL. REF:FV0154	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	3.2/9.2							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE	T 3.2/9.2							
	PRESSURE	P 3.2/9.2							
	REL. HUMDTY	H 3.2/9.2							
	CHEM. SPRAY	C 3.2/9.2	REFERENCES: 1.IEEE323-74,382-72						
	RADIATION	R 3.2/9.2							
PHYS DWG REF: 2998G-393	AGING	3.2/9.2							
PHYS DWG LOC:	SUBMERGENCE	3.2/9.2							
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.2/9.2	SAR ENV CAT: D								REVISION # :03 DATE :08/30/82
	0588 CATEG.: A								
	APPENDIX E								SYSTEM :TREATED WATER TAG :HCV-15-1

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0759

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : HCV-18-1	OPERABIL-ITY	40 YEARS 180 DAYS POST DBA	>40 YEARS +40000CYCL	SL2-FSAR TBL3.11-2	PG.5-1 OF NOTE 1 PG.4-7 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA								ACCEL TEMP: 268/248F
COMPONENT: CONTROL VALVE	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	120F NORM >SL2 DBA REQUIRMNTS	TAB25C SL2-FSAR TABLE311-1 T393	PG 4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: FIG5,6 NOTE2
MANUFACTURER: ASCO/NAMCO	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	OPSIGNORM >SL2 DBA REQUIRMNTS	PAB25C SL2-FSAR TABLE311-1 P393	PG 4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: FIG5,6 NOTE2
MAJOR SUPPLIER : WKM									SUBCOMPONENTS:
MODEL AND SERIAL # : LS:EA18021302 S:NP8321A1E	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	>90%	HAB25C SL2-FSAR TABLE311-1 H393	P.8-2 OF NOTE 1 P.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1:ASCO REPT. AQS21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80
FUNCT.DES: INS AIR TO CON & SERVICE TAINMENT									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 370 1.0E5 30 D 4.0E5 5.2E5 1 YR 6.1E5 7.3E5 1.0E4 5.0E5	2.0E8 TOTAL INTEGRATED DOSE	RAB25C SL2-FSAR TABLE311-1 R393	P.4-4 OF NOTE 1 P.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 110									
P.O #: 422550 CWD # : 0317/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 P.4-12 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB25									
COORDINATES X- 607.0 Y- 1495.0 Z- 20.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	/	NONE	PAM AUTH. REFERENCE: MRL
INSTALLED (Y/N): YES INSTAL. REF: FV0360 QUALIF EXEMPTN: NOT EXEMPT									

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.2/9.2
TEMPERATURE T	3.2/9.2
PRESSURE P	3.2/9.2
REL. HUMDTY H	3.2/9.2
CHEM. SPRAY C	3.2/9.2
RADIATION R	3.2/9.2
AGING	3.2/9.2
SUBMERGENCE	3.2/9.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.2/9.2

QUALIF *STATUS* QUALIFIED-FOR INTERIM OPERATION

REFERENCES: 1. IEEE323-74, 382-72

PHYS DWG REF: 2998G-393
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.2/9.2

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

REVISION # :03
DATE :08/30/82

SYSTEM :INSTRUMENT AIR
TAG :HCV-18-1

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0760

EQUIPMENT DESCRIPTION	PARAMETER	ACTUAL	DEM. QUALIF.	ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HCV-3512	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS <500 CYCLS <30 MIN. POST DBA	40 YEARS >2000CYCLS >20 MIN. POST DBA	SL2-FSAR TBL 3.11-2 OPERATION REVIEW	LIMTQ.RPT B0058 APP. C PP5,9,15 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 180 C
COMPONENT: MOTOR OPERATED VALVE	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	140F NORM ENVELOPES SL2 PROFLE	TAB24I SL2-FSAR TABLE311-1 T390	LIMTQ.RPT B0058 APP. C PP.13,28 REF.1,2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORPORATION	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ENVELOPES SL2 REQUIR EMENTS	PAB24 SL2-FSAR TABLE311-1 P390	LIMTQ.RPT B0058 APP. C P.13 REF.1,2	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : JAMESBURY									SUBCOMPONENTS:
MODEL AND: SERIAL # SMB-000-2HIBC/ 289732	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24I SL2-FSAR TABLE311-1 H390	LIMTQ.RPT B0058 APP. C P18	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE:LIMTQ. RPT B0058,PG. 15,21 STATES QUAL IS NOT SEAL DEPENDENT.
FUNCT.DES: & SERVICE SDC-HX OUTLET OPEN(R-M)									PARA 4.1.5
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	DEMONSTRATES SIGNIF. MARGIN WITH TWO ACCIDENT TRANS-IENTS
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.04E8 T.I.D.	RAB24M SL2-FSAR TABLE311-1 R390	LIMTQ.RPT B0058 APP. C PG.6 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:718									
P.O #:772917 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS >2000CYCLS	10CFR50 PARA 50.51	LIMTQ.RPT B0058 APP. C PG.1 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									ESF
COORDINATES X- 560.0 Y- 1465.0 Z- 5.0	SUBMERGED	-10.0 FT	REF.2	SAB24M SL2-FSAR TABLE311-1 S390	LIMTQ.RPT.	COMB. TEST & EXTRA- POL'N	M	NONE	AUTH. REFERENCE: 3.9-9
INSTALLED (Y/N): YES									
INSTAL. REF:FVO166	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR	TEMPERATURE	T 3.1							
STATUS INTERIM OPERATION	PRESSURE	P 3.1							
	REL. HUMDTY	H 3.1							
	CHEM. SPRAY	C 3.1							
	RADIATION	R 3.1	REFERENCES: 1)QUAL TO IEEE323-74,383-72, 101-72,117-74. 2)NO MOV IS REQUIRED TO FUNCTION DURING WORST CASE DBA 4 LNG TERM IN NRC-IN 81-29 NOT1. REVIEW ONGOING.						3
PHYS DWG REF: 2998G-390	AGING	3.1							
PHYS DWG LOC:	SUBMERGENCE	S 3.1							REVISION # :03
MOUNTING : NOT APPLICABLE									DATE :08/30/82
EQ PACK # : 3.1	SAR ENV CAT: D								SYSTEM :SAFETY INJECTION
	0588 CATEG.: A								TAG :HCV-3512
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: . 890 MW(E) CES#-0761

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM.	QUALIF.	DOCUMENTATION ACTUAL	DEM.	QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1		2	3		4	5	6	7	
TAG NO : HCV-3512 SS	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1		FSAR TABLE 3.11-2	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE											ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	REF 1		TAB24I SL2-FSAR TABLE311-1 T390	REF 1		COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1		PAB24 SL2-FSAR TABLE311-1 P390	REF 1		COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE											SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C9-3A	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	REF 1		HAB24I SL2-FSAR TABLE311-1 H390	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED											
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1		CAB24 SL2-FSAR TABLE311-1	REF 1		NOT APPLIC ABLE	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	REF 1		RAB24M SL2-FSAR TABLE311-1 R390	REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:324											
P.O #:422589 CWD # : 1515/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1		10CFR50 PARA 50.51	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24											
COORDINATES X- 558.0 Y- 1463.0 Z- 5.0	SUBMERGED	-10.0 FT	REF 1		SAB24M SL2-FSAR TABLE311-1 S390	REF 1		NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES											
INSTAL. REF:FV0167	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #								QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1									
**********	TEMPERATURE T	55.1									
QUALIF RETEST	PRESSURE P	55.1									
STATUS	REL. HUMDTY H	55.1									
********	CHEM. SPRAY C	55.1									
*	RADIATION R	55.1									
**********	AGING	55.1									
PHYS DWG REF: 2998G-390	SUBMERGENCE S	55.1									
PHYS DWG LOC:											
MOUNTING : NOT APPLICABLE	SAR ENV CAT: D										
EQ PACK # : 55.1	10588 CATEG.: B										
	APPENDIX E										

REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982

REVISION # :03
DATE :08/30/82

SYSTEM :SAFETY INJECTION
TAG :HCV-3512 SS

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0762

EQUIPMENT DESCRIPTION		ENVIRONMENT PARAMETER	ACTUAL	1	DEM. QUALIF.	2	DOCUMENTATION ACTUAL	3	DEM. QUALIF.	4	QUALIF. METHOD	5	H/M	6	OUTS ITEMS	7	
TAG NO :	HCV-3615 PB	OPERABIL-ITY NORM/TEST	40 YEARS + TEST + 180 DAYS POST DBA		REF 1		FSAR TABLE 3.11-2		REF 1		COMB. TEST & EXTRA- POL'N		/		NONE		ACCEL TIME: REF 1
EQUIPMENT: TYPE	CONTROL DEVICES		DBA														ACCEL TEMP: REF 1
COMPONENT:	LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN		REF 1		TAB24A SL2-FSAR TABLE311-1 T390		REF 1		COMB. TEST & EXTRA- POL'N		H		NONE		REPLACEMENT: REF 1
MANUFACTURER:	BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM FIG. C-4B (ACC. DBA)		REF 1		PAB24A SL2-FSAR TABLE311-1 P390		REF 1		COMB. TEST & EXTRA- POL'N		H		NONE		MAINTAIN.: REF 1
MAJOR SUPPLIER :	NOT APPLICABLE																SUBCOMPONENTS:
MODEL AND: SERIAL #	B/M C10-16	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 50% DESIGN		REF 1		HAB24A SL2-FSAR TABLE311-1 H390		REF 1		COMB. TEST & EXTRA- POL'N		/		NONE		NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. RE MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE	LCL CONTROL OF TAG INDICATED																
ACCUR. SPEC:	NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY		REF 1		CAB24 SL2-FSAR TABLE311-1		REF 1		NOT APPLIC ABLE		M		NONE		
ACCUR. DEM.:	NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	440 1.1E5 4.6E5 5.3E5 6.6E5 7.4E5 4.0E4 5.0E5		REF 1		RAB24L SL2-FSAR TABLE311-1 R390		REF 1		COMB. TEST & EXTRA- POL'N		H		NONE		
SPECIFICATIONS:	324																
P.O #:	422589 CWD # : 0257/	AGE- INST LIFE (PER 323-1974 DEF.)	40 YRS		REF 1		10CFR50 PARA 50.51		REF 1		COMB. TEST & EXTRA- POL'N		/		NONE		SAFETY FUNCTION: RPS ESF
PLANT LOC.:	AB24																
COORDINATES X-	590.0	SUBMERGED	NO		REF 1		SAB24 SL2-FSAR TABLE311-1		REF 1		NOT APPLIC ABLE		M		NONE		
Y-	1520.0		AREA FLOODING														AUTH. REFERENCE: 3.112
Z-	5.0																
INSTALLED (Y/N):	YES																
INSTAL. REF:	FV0169																
QUALIF EXEMPTN:	NOT EXEMPT																

PARAMETER	SUPPL. REVIEW
OPERABILITY	55.1
TEMPERATURE T	55.1
PRESSURE P	55.1
REL. HUMDTY H	55.1
CHEM. SPRAY C	55.1
RADIATION R	55.1
AGING	55.1
SUBMERGENCE S	55.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1

QUALIF RETEST *STATUS* ********

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 55.1

SAR ENV CAT: D
10588 CATEG.: B
APPENDIX E

REVISION # :03
DATE :08/30/82

SYSTEM :SAFETY INJECTION
TAG :HCV-3615 PB

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0765

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HCV-3618	OPERABIL-ITY /NORM/TEST /DBA	40 YRS <500 CYCLS UP TO 180 DY POSTDBA	40 YRS +40000CYCL	SL2-FSAR TABLE311-2 OPER. REVIEW	PG 5-1 OF NOTE 2 P.4-7 OF NOTE 3	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 268/248F
COMPONENT: ISOLATION VALVE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM >SL2 DBA REQUIRMNTS	TRB16 SL2-FSAR TABLE311-1 T366	PG 4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: FIG5,6 NOTE2 SRS#A3.2
MANUFACTURER: ASCO/NAMCO									MAINTAIN.:
MAJOR SUPPLIER : FISHER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIGNORM >SL2 DBA REQUIRMNTS	PRB16 SL2-FSAR TABLE311-1 P366	PG 4-21 OF NOTE 1 FIG 3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	FIG5,6 NOTE2 SRS#A3.2 SUBCOMPONENTS:
MODEL AND: S:RFHV202303 SERIAL # LS:EA18031302	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	>90%	HRB16 SL2-FSAR TABLE311-1 H366	P.8-2 OF NOTE 1 P.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT.
FUNCT.DES: SIT DRAIN & SERVICE CLOSE(SIAS)									NOTE(1).ASCO REPT. AQS21678/TR REV A
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	NOT APPLICABLE	CRB16 SL2-FSAR TABLE311-1 C366	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	2.NAMCO REPT. QTR 105 DATED 8/80 3.CONAX MODULES IN STALLED AS PER FV SHEET #0039.
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 12.7E6 5.2E5 30 D 14.0E7 3.2E6 1 YR 14.8E7 3.8E6 40YR/RW 13.0E4 1.5E6	12.0E8 TOTAL INTEGRATED DOSE	RRB16B SL2-FSAR TABLE311-1 R366	P.4-4 OF NOTE 1 P.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 704									
P.O #: 303815 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 P.4-12 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB16									
COORDINATES X- 729.0 Y- 1465.0 Z- 46.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	REF 3	SRB16 SL2-FSAR TABLE311-1 S366	REF 3	NOT APPLIC	H	NONE	AUTH. REFERENCE: 3.9-9
INSTALLED (Y/N): YES									

INSTAL. REF: FV0171
QUALIF EXEMPTN: NOT APPLIC

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.2/9.2
TEMPERATURE T	3.2/9.2
PRESSURE P	3.2/9.2
REL. HUMDTY H	3.2/9.2
CHEM. SPRAY C	3.2/9.2
RADIATION R	3.2/9.2
AGING	3.2/9.2
SUBMERGENCE S	3.2/9.2

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1. IEEE323-74, 382-72
2. REPLACE NON NP8300 SERIES SOLENOIDS.
3. INSTALLAINS WERE FLD VRFD TO BE ABOVE FLOOD LVL

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.2/9.2

REVISION # : 03
DATE : 08/30/82

SYSTEM : SAFETY INJECTION
TAG : HCV-3618

PHYS DWG REF: 2998G-366
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.2/9.2

QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0766

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM.	ENV. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM.	DOC. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : HCV-3625 PB	OPERABIL-ITY NORM/TEST DBA	40 YRS PLUS TEST 180 DAYS POST DBA		REF 1	SL2-FSAR TABLE311-2 OPER. REVIEW		REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE											ACCEL TEMP: REF 1
COMPONENT: LOCAL CONTROL STATION	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN		REF 1	TAB24A SL2-FSAR TABLE311-1 T390		REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM FIG. C-4B (ACC. DBA)		REF 1	PAB24A SL2-FSAR TABLE311-1 P390		REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE											SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C10-1G	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 50% DESIGN		REF 1	HAB24A SL2-FSAR TABLE311-1 H390		REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST. 3
FUNCT.DES: & SERVICE LOCAL CONTROL OF TAG INDICATED	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY		REF 1	CAB24 SL2-FSAR TABLE311-1		REF 1	NOT APPLIC ABLE	M	NONE	
ACCUR. SPEC: NOT APPLICABLE											
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	440 1.1E5 4.6E5 5.3E5 6.6E5 7.4E5 4.0E4 5.0E5		REF 1	RAB24L SL2-FSAR TABLE311-1 R390		REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:324											
P.O #:422589 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS		REF 1	10CFR50 PARA 50.51		REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24											
COORDINATES X- 590.0 Y- 1520.0 Z- 5.0	SUBMERGED	NO AREA FLOODING		REF 1	SAB24 SL2-FSAR TABLE311-1 S		REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES											
INSTAL. REF:FV0173	PARA-METER	SUPPL. REVIEW			FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	55.1									
QUALIF RETEST *STATUS*	TEMPERATURE	T 55.1									
	PRESSURE	P 55.1									
	REL. HUMDTY	H 55.1									
	CHEM. SPRAY	C 55.1			REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
	RADIATION	R 55.1									
PHYS DWG REF: 2998G-390	AGING	55.1									REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 55.1									DATE :08/30/82
MOUNTING : NOT APPLICABLE											
EQ PACK # : 55.1	SAR ENV CAT: D 0588 CATEG.: B APPENDIX E										SYSTEM :SAFETY INJECTION TAG :HCV-3625 PB

A/E: EBASCO SERVICES INC.
UTILITY: FLORIDA POWER & LIGHT

FACILITY: ST. LUCIE NO. 2
COMPONENT EVALUATION SHEET

NSSS: COMBUSTION ENG. - PWR
CAPACITY: 890 MW(E)

REV#- 3
CES#-0769

EQUIPMENT DESCRIPTION

TAG NO : HCV-3628

EQUIPMENT: VALVE OPERATORS
TYPE

COMPONENT: ISOLATION VALVE

MANUFACTURER: ASCO/NAMCO

MAJOR SUPPLIER : FISHER

MODEL AND: S:RFHV2023031
SERIAL # LS:EA18031302

FUNCT.DES: SIT DRAIN
& SERVICE CLOSE(SIAS)

ACCUR. SPEC: NOT APPLICABLE

ACCUR. DEM.: NOT APPLICABLE

SPECIFICATIONS:704

P.O #:303815 CWD # : /

PLANT LOC.: RB16

COORDINATES X- 741.0
Y- 1507.0
Z- 45.0

INSTALLED (Y/N): YES
INSTAL. REF:FVO176
QUALIF EXEMPTN: NOT APPLIC

QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION

PHYS DWG REF: 2998G-366
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.2/9.2

ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
OPERABILITY NORM/TEST DBA	40 YRS <500 CYCLS UP TO 180 DY POSTDBA	40 YRS +40000CYCL	SL2-FSAR TABLE311-2 OPER. REVIEW	IPG 5-1 OF INOTE 2 IP.4-7 OF INOTE 3	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400 HRS ACCEL TEMP: 268/248F
TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM >SL2 DBA REQUIRMNTS	TRB16 SL2-FSAR TABLE311-1 T366	IPG 4-21 OF INOTE 1 IFIG.3 OF INOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: FIG5,6 NOTE2 SRS#A3.2
PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIGNORM >SL2 DBA REQUIRMNTS	PRB16 SL2-FSAR TABLE311-1 P366	IPG 4-21 OF INOTE 1 IFIG.3 OF INOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: FIG5,6 NOTE2 SRS#A3.2 SUBCOMPONENTS:
RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	>90%	HRB16 SL2-FSAR TABLE311-1 H366	IP.8-2 OF INOTE 1 IP.4-4 OF INOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT. NOTE(1).ASCO REPT. AOS21678/TR REV.A (2)NAMCO REPT. QTR 105 DATED 8/80 (3)CONAX SEALS INSTALLED AS PER FV 0042
CHEMICAL SPRAY	1720-2150 PPM B. 50- 65PPM HYDZ PH 4.9-7.0	NOT APPLICABLE	CRB16 SL2-FSAR TABLE311-1 C366	INOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	
R 2 HR A 30 D D 1 YR . 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	2.0E8 TOTAL INTEGRATED DOSE	RRB16B SL2-FSAR TABLE311-1 R366	IP.4-4 OF INOTE 1 IP.4-4 OF INOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	
AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YEARS	10CFR50 PARA 50.51	IPG.5-1 OF INOTE 1 IP.4-12 OF INOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	REF. 3	SRB16 SL2-FSAR TABLE311-1 S366	IREF.3	NOT APPLIC	H	NONE	AUTH. REFERENCE: 3.9-10

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.2/9.2
TEMPERATURE T	3.2/9.2
PRESSURE P	3.2/9.2
REL. HUMDTY H	3.2/9.2
CHEM. SPRAY C	3.2/9.2
RADIATION R	3.2/9.2
AGING	3.2/9.2
SUBMERGENCE S	3.2/9.2

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1. IEEE323-74,382-72
2. REPLACE NON NP8300 SERIES SOLENOIDS.
3. INSTALLATNS WERE FLD VERFD TO BE ABOVE FLOOD LEVEL

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2

REVISION # :03
DATE :08/30/82

SYSTEM :SAFETY INJECTION
TAG :HCV-3628

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0770

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : HCV-3635	OPERABILITY	40 YRS	40 YRS	SL2-FSAR	LIMITRQ RP	COMB.	/	NONE	ACCEL TIME:
		<500 CYCLS	2000 CYCLS	TABLE311-2	T B0058 P.	TEST &			100 HRS
EQUIPMENT: VALVE OPERATORS	NORM/TEST	UP TO 180	>200 DAYS	OPER.	16,131 APP	EXTRA-			
TYPE	DBA	DY POSTDBA	POST DBA	REVIEW	D REF1,2	POL'N			ACCEL TEMP:
									180C
COMPONENT: MOTOR OPERATED VALVES	TEMPERATURE	85.5F NORM	140F NORM	TAB24I	LMTRQ REPT	COMB.	M	NONE	
			250F>24HR	SL2-FSAR	B0058 APP.	TEST &			REPLACEMENT:
		112F1200HR	FIG.1 OF	TABLE311-1	D P.5	EXTRA-			NOT
		104FDESIGN	REPT.	T390	REF 1,2	POL'N			APPLICABLE
MANUFACTURER: LIMITORQUE CORP									MAINTAIN.:
	PRESSURE	ATMOS NORM	OPSIG NORM	PAB24	LMTRQ REPT	COMB.	M	NONE	NOT
		OPSIG	25 PSIG	SL2-FSAR	B0058 APP.	TEST &			APPLICABLE
MAJOR SUPPLIER : TARGET ROCK		(ACC. DBA)	FIG. 1 OF	TABLE311-1	D P.1	EXTRA-			SUBCOMPONENTS:
			REPT.	P390	REF 1,2	POL'N			
									NOTE:LIMTQ.
MODEL AND: SMB-1-40/2- SERIAL # 42119	RELATIVE HUMIDITY	70.0% NORM	100%	HAB24I	LMTRQ REPT	COMB.	/	NONE	RPT B0058,PG.
				SL2-FSAR	B0058 APP.	TEST &			15,21 STATES
		72.0%1200H		TABLE311-1	D P.1	EXTRA-			QUAL IS NOT
FUNCT.DES: L.P.HEADER & SERVICE OPEN(SIAS)		50% DESIGN		H390	REF 1,2	POL'N			SEAL DEPENDENT.
									PARA 4.1.5
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	DEMONSTRATES SIGNIF. MARGIN WITH TWO ACCIDENT TRANS-IENTS
ACCUR. SPEC: NOT APPLICABLE									
	R A D .	2 HR 30 D 1 YR 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.04E8 TOTAL INTEGRATED DOSE	RAB24M SL2-FSAR TABLE311-1 R390	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. DEM.: NOT APPLICABLE									
SPECIFICATIONS: 705									
P.O #: 403351 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB24									
COORDINATES X- 550.0 Y- 1485.0 Z- 6.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0369									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.1
TEMPERATURE T	3.1
PRESSURE P	3.1
REL. HUMDTY H	3.1
CHEM. SPRAY C	3.1
RADIATION R	3.1
AGING	3.1
SUBMERGENCE S	3.1

****
QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION
****
*
****

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.1

SAR ENV CAT: D
O588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA. REF 3. UNDER SUBCOMPONENTS

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1

REVISION # :03
DATE :08/30/82

SYSTEM :SAFETY INJECTION
TAG :HCV-3635

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0772

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : HCV-3637	OPERABIL-ITY /NORM/TEST /DBA	40 YRS <500 CYCLS UP TO 180 DY POSTDBA	40 YRS 2000 CYCLS >200 DAYS POST DBA	SL2-FSAR TABLE311-2 OPER. REVIEW	LIMITRQ RP T B0058 P. 16,131 APP ID REF1,2	COMB. TEST & EXTRA- POL'N	/ 	NONE 	ACCEL TIME: 100 HRS ACCEL TEMP: 180C
EQUIPMENT: VALVE OPERATORS TYPE	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TAB24I SL2-FSAR TABLE311-1 T390	LMTRQ REPT B0058 APP. ID P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	M	NONE	
COMPONENT: MOTOR OPERATED VALVES									REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PAB24 SL2-FSAR TABLE311-1 P390	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : TARGET ROCK									SUBCOMPONENTS:
MODEL AND SERIAL # : SMB-00-10/ FZ31120	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24I SL2-FSAR TABLE311-1 H390	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/ 	NONE	NOTE:LIMTQ. RPT B0058,PG. 15,21 STATES QUAL IS NOT SEAL DEPENDENT.
FUNCT.DES: & SERVICE : LATER									PARA 4.1.5
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	DEMONSTRATES SIGNIF. MARGIN WITH TWO ACCIDENT TRANS-IENTS
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.04E8 TOTAL INTEGRATED DOSE	RAB24M SL2-FSAR TABLE311-1 R390	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:705									
P.O #:403351 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/ 	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									ESF
COORDINATES X- 574.0 Y- 1505.0 Z- 6.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES INSTAL. REF:FV0181 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	OPERABILITY	3.1							
	TEMPERATURE T	3.1							
	PRESSURE P	3.1							
	REL. HUMDTY H	3.1							
	CHEM. SPRAY C	3.1							
	RADIATION R	3.1	REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA. REF 3. UNDER SUBCOMPONENTS						
PHYS DWG REF: 2998G-390	AGING	3.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	3.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.1	SAR ENV CAT: D 10588 CATEG.: A APPENDIX E								SYSTEM :SAFETY INJECTION TAG :HCV-3637

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0771

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HCV-3636	OPERABIL-ITY	40 YRS <500 CYCLS	40 YRS 2000 CYCLS	SL2-FSAR TABLE311-2	LIMITRQ RP T B0058 P.	COMB. TEST &	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA	UP TO 180 DY POSTDBA	>200 DAYS POST DBA	OPER. REVIEW	16,131 APP ID REF1,2	EXTRA- POL'N			ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TAB24I SL2-FSAR TABLE311-1 T390	LMTRQ REPT B0058 APP. ID P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER:LIMITORQUE CORP	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PAB24 SL2-FSAR TABLE311-1 P390	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : TARGET ROCK									SUBCOMPONENTS:
MODEL AND SERIAL # : SMB-00-10	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24I SL2-FSAR TABLE311-1 H390	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE:LIMTQ. RPT B0058,PG. 15,21 STATES QUAL IS NOT SEAL DEPENDENT.
FUNCT.DES: LATER & SERVICE									PARA 4.1.5
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	DEMONSTRATES SIGNIF. MARGIN WITH TWO ACCIDENT TRANS-IENTS
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.04E8 TOTAL INTEGRATED DOSE	RAB24M SL2-FSAR TABLE311-1 R390	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:705									
P.O #:403351 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									ESF
COORDINATES X- 546.0 Y- 1509.0 Z- 6.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES INSTAL. REF:FV0370 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
**********	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE T PRESSURE P REL. HUMDTY H CHEM. SPRAY C	3.1 3.1 3.1 3.1							
********	RADIATION	R 3.1							
*	AGING	3.1							
**********	SUBMERGENCE	S 3.1							
PHYS DWG REF: 2998G-390 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 3.1	SAR ENV CAT: D 10588 CATEG.: A APPENDIX E		REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA. REF 3. UNDER SUBCOMPONENTS						REVISION # :03 DATE :08/30/82 SYSTEM :SAFETY INJECTION TAG :HCV-3636

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0773

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HCV-3638	OPERABIL-ITY NORM/TEST	40 YRS <500 CYCLS UP TO 180	40 YRS +40000CYCL	SL2-FSAR TABLE311-2 OPER.	PG 5-1 OF NOTE 2 P.4-7 OF	COMB. TEST & EXTRA-	/	NONE	ACCEL TIME: 288/400 HRS
EQUIPMENT: VALVE OPERATORS TYPE	DBA	DY POSTDBA		REVIEW	NOTE 3	POL'N			ACCEL TEMP: 268/248F
COMPONENT: ISOLATION VALVE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM >SL2 DBA REQUIRMNTS	TRB16 SL2-FSAR TABLE311-1 T366	PG 4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: FIG5,6 NOTE2 SRS#A3.2
MANUFACTURER: ASCO/NAMCO									MAINTAIN.:
MAJOR SUPPLIER : FISHER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIGNORM >SL2 DBA REQUIRMNTS	PRB16 SL2-FSAR TABLE311-1 P366	PG 4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	FIG5,6 NOTE2 SRS#A3.2 SUBCOMPONENTS:
MODEL AND SERIAL #: S:RFHV2023031 LS:EA18031302	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	>90%	HRB16 SL2-FSAR TABLE311-1 H366	P.8-2 OF NOTE 1 P.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT. NOTE(1).ASCO REPT. AQS21678/TR REV A
FUNCT.DES: & SERVICE SIT DRAIN CLOSE(SIAS)	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	NOT APPLICABLE	CRB16 SL2-FSAR TABLE311-1 C366	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	(2)NAMCO REPT. QTR 105 DATED 8/80 (3)CONAX MODULES INSTALLED AS PER FV0045.
ACCUR. SPEC: -NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	2.0E8 TOTAL INTEGRATED DOSE	RRB16B SL2-FSAR TABLE311-1 R366	P.4-4 OF NOTE 1 P.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 704									
P.O #: 303815 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 P.4-12 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB16									
COORDINATES X- 639.0 Y- 1524.0 Z- 45.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	REF.3	SRB16 SL2-FSAR TABLE311-1 S366	REF.3	NOT APPLIC	H	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0372	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.2/9.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.2/9.2							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE	T 3.2/9.2							
	PRESSURE	P 3.2/9.2							
	REL. HUMDTY	H 3.2/9.2							
	CHEM. SPRAY	C 3.2/9.2							
	RADIATION	R 3.2/9.2							
PHYS DWG REF: 2998G-366	AGING	3.2/9.2							
PHYS DWG LOC:	SUBMERGENCE	S 3.2/9.2							
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.2/9.2	SAR ENV CAT: A								
	0588 CATEG.: A								
	APPENDIX E								

REFERENCES:
1. IEEE323-74,382-72
2. REPLACE NON NP8300 SERIES SOLENOIDS.
3. INSTALLATNS WERE FLD VRFD AT ABOVE FLOOD LEVEL ELEV.

REVISION # :03
DATE :08/30/82

SYSTEM :SAFETY INJECTION
TAG :HCV-3638

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0775

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HCV-3646	OPERABIL-ITY	40 YRS <500 CYCLS	40 YRS 2000 CYCLS	SL2-FSAR TABLE311-2	LIMITRQ RP IT B0058 P.	COMB. TEST &	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA	UP TO 180 DY POSTDBA	>200 DAYS POST DBA	OPER. REVIEW	16,131 APP ID REF1,2	EXTRA- POL'N	.		ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TAB24I SL2-FSAR TABLE311-1 T390	LMTRQ REPT B0058 APP. ID P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER:LIMITORQUE CORP									MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : TARGET ROCK	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PAB24 SL2-FSAR TABLE311-1 P390	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	M	NONE	SUBCOMPONENTS:
MODEL AND: SMB-00-10/ SERIAL # 708420-XC	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24I SL2-FSAR TABLE311-1 H390	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE:LIMTQ. RPT B0058,PG. 15,21 STATES QUAL IS NOT SEAL DEPENDENT.
FUNCT.DES: LATER & SERVICE									PARA 4.1.5
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	DEMONSTRATES SIGNIF. MARGIN WITH TWO ACCIDENT TRANS-IENTS
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.04E8 TOTAL INTEGRATED DOSE	RAB24M SL2-FSAR TABLE311-1 R390	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:705									
P.O #:403351 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16.APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB24									
COORDINATES X- 546.0 Y- 1511.0 Z- 6.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES INSTAL. REF:FV0185 QUALIF EXEMPTN: NOT APPLIC	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	OPERABILITY	3.1							
	TEMPERATURE T	3.1							
	PRESSURE P	3.1							
	REL. HUMDTY H	3.1							
	CHEM. SPRAY C	3.1							
	RADIATION R	3.1							
PHYS DWG REF: 2998G-390 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 3.1	AGING	3.1	REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA. REF 3. UNDER SUBCOMPONENTS						REVISION # :03 DATE :08/30/82
	SUBMERGENCE S	3.1							
	SAR ENV CAT: D 10588 CATEG.: A APPENDIX E								SYSTEM :SAFETY INJECTION TAG :HCV-3646

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0776

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : HCV-3647	OPERABIL-ITY /NORM/TEST /DBA	40 YRS <500 CYCLS UP TO 180 DY POSTDBA	40 YRS 2000 CYCLS >200 DAYS POST DBA	SL2-FSAR TABLE311-2 OPER. REVIEW	LIMITRQ RP T B0058 P. 16,131 APP D REF1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TAB24I SL2-FSAR TABLE311-1 T390	LMTRQ REPT B0058 APP. D P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP									MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : TARGET ROCK	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PAB24 SL2-FSAR TABLE311-1 P390	LMTRQ REPT B0058 APP. D P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	M	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: 3A3272	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24I SL2-FSAR TABLE311-1 H390	LMTRQ REPT B0058 APP. D P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE:LIMTQ. RPT B0058,PG. 15,21 STATES QUAL IS NOT SEAL DEPENDENT.
FUNCT.DES: & SERVICE LTR									PARA 4.1.5
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	DEMONSTRATES SIGNIF. MARGIN WITH TWO ACCIDENT TRANSIENTS
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 12.8E5 2.2E5 14.2E5 3.1E5 11.0E4 2.0E5	12.0E8 TOTAL INTEGRATED DOSE	RAB24M SL2-FSAR TABLE311-1 R390	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 705									
P.O #: 403351 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB24									
COORDINATES X- 574.0 Y- 1507.0 Z- 6.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES INSTAL. REF: FV0187 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1
********** *QUALIF* QUALIFIED-FOR *STATUS* INTERIM OPERATION **********	OPERABILITY	3.1							
	TEMPERATURE	T 3.1							
	PRESSURE	P 3.1							
	REL. HUMDTY	H 3.1							
	CHEM. SPRAY	C 3.1							
	RADIATION	R 3.1							
	AGING	3.1							
	SUBMERGENCE	S 3.1							
PHYS DWG REF: 2998G-390 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 3.1	SAR ENV CAT: D 10588 CATEG.: A APPENDIX E		REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA. REF 3. UNDER SUBCOMPONENTS							REVISION # :03 DATE :08/30/82 SYSTEM :SAFETY INJECTION TAG :HCV-3647

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR . REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0777

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/MI (6)	OUTS ITEMS (7)	
TAG NO : HCV-3648	OPERABILITY	40 YRS <500 CYCLS UP TO 180 DY POSTDBA	40 YRS +40000CYCL	SL2-FSAR TABLE311-2 OPER. REVIEW	PG 5-1 OF NOTE 2 P.4-7 OF NOTE 3	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400 HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA								ACCEL TEMP: 268/248F
COMPONENT: ISOLATION VALVE	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM >SL2 DBA REQUIRMNTS	TRB16 SL2-FSAR TABLE311-1 T366	PG 4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: FIG5,6 NOTE2 SRS#A3.2
MANUFACTURER: ASCO/NAMCO									MAINTAIN.: FIG5,6 NOTE2 SRS#A3.2
MAJOR SUPPLIER : FISHER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM >SL2 DBA REQUIRMNTS	PRB16 SL2-FSAR TABLE311-1 P366	PG 4-21 OF NOTE 1 FIG. 3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: S:RFHV2023031 SERIAL # LS:EA18031302	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	>90%	HRB16 SL2-FSAR TABLE311-1 H366	P.8-2 OF NOTE 1 P.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT. NOTE(1).ASCO REPT. A1S21678/TR REV A (2)NAMCO REPT. QTR 105 DATED 8/80 (3)CONAX MODULES INSTALLED PER FV 0048.
FUNCT.DES: SIT DRAIN & SERVICE CLOSE(SIAS)									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	NOT APPLICABLE	CRB16 SL2-FSAR TABLE311-1 C366	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 4.5E6 1.2E6 30 D 5.8E7 6.2E6 1 YR 6.8E7 7.6E6 40YR/RW 7.0E5 3.0E6	2.0E8 TOTAL INTEGRATED DOSE	RRB16A SL2-FSAR TABLE311-1 R366	P.4-4 OF NOTE 1 P.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 704									
P.O #: 303815 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 P.4-12 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB16									
COORDINATES X- 642.0 Y- 1496.0 Z- 45.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	REF.3	SRB16 SL2-FSAR TABLE311-1 S366	REF.3	NOT APPLIC	H	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES INSTAL. REF: FVO188 QUALIF EXEMPTN: NOT APPLIC	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.2/9.2
********** *QUALIF* QUALIFIED-FOR *STATUS* INTERIM OPERATION ******** * **********	OPERABILITY TEMPERATURE T PRESSURE P REL. HUMDTY H CHEM. SPRAY C RADIATION R AGING SUBMERGENCE S	3.2/9.2 3.2/9.2 3.2/9.2 3.2/9.2 3.2/9.2 3.2/9.2 3.2/9.2 3.2/9.2	REFERENCES: 1.IEEE323-74,382-72 2.REPLACE NON NP8300 SERIES SOLENOIDS. 3.INSTALLAINS WERE FLD VRFD TO BE ABOVE FLOOD LEVEL						
PHYS DWG REF: 2998G-366 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 3.2/9.2	SAR ENV CAT: A 0588 CATEG.: A APPENDIX E								REVISION # :03 DATE :08/30/82 SYSTEM :SAFETY INJECTION TAG :HCV-3648

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0778

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	1	DEM. QUALIF.	2	DOCUMENTATION ACTUAL	3	DEM. QUALIF.	4	QUALIF. METHOD	5	H/M	6	OUTS ITEMS	7	
TAG NO : HCV-3657	OPERABIL-ITY /NORM/TEST /DBA	40 YRS <500 CYCLS UP TO 180 DY POSTDBA		40 YRS 2000 CYCLS >200 DAYS POST DBA		SL2-FSAR TABLE311-2 OPER. REVIEW		LIMITRQ RP T B0058 P. 16,131 APP D REF1,2		COMB. TEST & EXTRA- POL'N		/		NONE		ACCEL TIME: 100 HRS
EQUIPMENT: TYPE VALVE OPERATORS	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN		140F NORM 250F>24HR FIG.1 OF REPT.		TAB24I SL2-FSAR TABLE311-1 T390		LMTRQ REPT B0058 APP. ID P.5 REF 1,2		COMB. TEST & EXTRA- POL'N		M		NONE		ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES																REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)		OPSIG NORM 25 PSIG FIG. 1 OF REPT.		PAB24 SL2-FSAR TABLE311-1 P390		LMTRQ REPT B0058 APP. ID P.1 REF 1,2		COMB. TEST & EXTRA- POL'N		M		NONE		MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : JAMESBURY																SUBCOMPONENTS:
MODEL AND SERIAL # : SMB-000-2HIBC	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN		100%		HAB24I SL2-FSAR TABLE311-1 H390		LMTRQ REPT B0058 APP. ID P.1 REF 1,2		COMB. TEST & EXTRA- POL'N		/		NONE		NOTE:LIMTQ. RPT B0058,PG. 15,21 STATES QUAL IS NOT SEAL DEPENDENT.
FUNCT.DES: & SERVICE SDC-HX OUTLET OPEN(R-M)																PARA 4.1.5
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY		NOT APPLICABLE		CAB24 SL2-FSAR TABLE311-1		NOT APPLICABLE		N/A		M		NONE		DEMONSTRATES SIGNIF. MARGIN WITH TWO ACCIDENT TRANSIENTS
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5		2.04E8 TOTAL INTEGRATED DOSE		RAB24M SL2-FSAR TABLE311-1 R390		LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2		COMB. TEST & EXTRA- POL'N		H		NONE		
SPECIFICATIONS: 718																
P.O #: 772917 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS		40 YRS 2000 CYCLS		10CFR50 PARA 50.51		LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2		COMB. TEST & EXTRA- POL'N		/		NONE		SAFETY FUNCTION:
PLANT LOC.: AB24																ESF
COORDINATES X- 575.0 Y- 1471.0 Z- 5.0	SUBMERGED	-10.0 FT		NOT APPLICABLE		SAB24M SL2-FSAR TABLE311-1 S390		NOT APPLICABLE		N/A		M		NONE		AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): NO INSTAL. REF: FV0376 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW		FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #												QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
********** *QUALIF* QUALIFIED-FOR *STATUS* INTERIM OPERATION ******** * **********	OPERABILITY TEMPERATURE T PRESSURE P REL. HUMDTY H CHEM. SPRAY C RADIATION R AGING SUBMERGENCE S	3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1		REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA. REF 3. UNDER SUBCOMPONENTS												
PHYS DWG REF: 2998G-390 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 3.1	SAR ENV CAT: D 10588 CATEG.: A APPENDIX E															REVISION # :03 DATE :08/30/82 SYSTEM :SAFETY INJECTION TAG :HCV-3657

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0779

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : HCV-3657 SS	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	REF 1	TAB24I SL2-FSAR TABLE311-1 T390	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1	PAB24 SL2-FSAR TABLE311-1 P390	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C9-3	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	REF 1	HAB24I SL2-FSAR TABLE311-1 H390	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE TAG INDICATED	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB24 SL2-FSAR TABLE311-1	REF 1	NOT APPLICABLE	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	REF 1	RAB24M SL2-FSAR TABLE311-1 R390	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:324									
P.O #:422589 CWD # : 1514/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24									
COORDINATES X- 573.0 Y- 1469.0 Z- 5.0	SUBMERGED	-10.0 FT	REF 1	SAB24M SL2-FSAR TABLE311-1 S390	REF 1	NOT APPLICABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF:FV0190									
QUALIF EXEMPTN: NOT EXEMPT									

PARA-METER	SUPPL. REVIEW
OPERABILITY	55.1
TEMPERATURE T	55.1
PRESSURE P	55.1
REL. HUMDTY H	55.1
CHEM. SPRAY C	55.1
RADIATION R	55.1
AGING	55.1
SUBMERGENCE S	55.1

QUALIF RETEST
STATUS

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 55.1

SAR ENV CAT: D
0588 CATEG.: B
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1

REVISION # :03
DATE :08/30/82

SYSTEM :SAFETY INJECTION
TAG :HCV-3657 SS

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0781

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : EHC-2HVE-6A1	OPERABILITY NORM/TEST DBA	<1000 HRS 180 DAYS POST DBA	ACTON TEST PROC.16437 8IN REF 2,3	SL2-FSAR TBL3.11-2 OPERATIONL REVIEW	ACTON TEST PROC.16437 8IN REF 2,3	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: HEATERS TYPE	TEMPERATURE	90.OF NORM	ACTON TEST PROC.16437 8IN REF 2,3	TAB27B SL2-FSAR TABLE311-1 T395	ACTON TEST PROC.16437 8IN REF 2,3	COMB. TEST & EXTRA- POL'N	M	NONE	ACCEL TEMP: REF 2
COMPONENT: ELECTRIC HEATING COIL		117F1200HR 109FDESIGN							REPLACEMENT: REF 2
MANUFACTURER: WATLOW	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ACTON TEST PROC.16437 8IN REF 2,3	PAB27 SL2-FSAR TABLE311-1 P394	ACTON TEST PROC.16437 8IN REF 2,3	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 2
MAJOR SUPPLIER : CVI CORP	RELATIVE HUMIDITY	60.0% NORM	ACTON TEST PROC.16437 8IN REF 2,3	HAB27B SL2-FSAR TABLE311-1 H395	ACTON TEST PROC.16437 8IN REF 2,3	COMB. TEST & EXTRA- POL'N	/	NONE	SUBCOMPONENTS: ********** NOTE: SYSTEM DESCRIPTION IS IN FSAR 6.2.3
MODEL AND SERIAL # : 1.5/30KW		62.0%1200H 39% DESIGN							
FUNCT.DES: & SERVICE HUMIDTY CONTRL FOR SBVS	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	ACTON TEST PROC.16437 8IN REF 2,3	RAB27K SL2-FSAR TABLE311-1 R395	ACTON TEST PROC.16437 8IN REF 2,3	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 776									
P.O #: 422595 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	ACTON TEST PROC.16437 8IN REF 2,3	10CFR50 PARA 50.51	ACTON TEST PROC.16437 8IN REF 2,3	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB27									
COORDINATES X- 595 Y- 1535 Z- 43	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 7.5-1
INSTALLED (Y/N): YES									
INSTAL. REF: FV0072	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 10.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	10.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	10.1							
	PRESSURE P	10.1							
	REL. HUMDTY H	10.1							
	CHEM. SPRAY C	10.1		REFERENCES: 1)HTRS R MINRL INSLTD INORGNIC 2)UNDERGOING QUALIFICATION TO IEEE 323-74 3)VENDOR REVIEW A/E COMMENTS					
	RADIATION R	10.1							
PHYS DWG REF: 2998G-395	AGING	10.1							REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	SUBMERGENCE S	10.1							
MOUNTING : N/A									SYSTEM :SHIELD BLDG. VENT
EQ PACK # : 10.1	SAR ENV CAT: D								TAG :EHC-2HVE-6A1
	0588 CATEG.: A								
	APPENDIX E								

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0782

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HPSI P 2A	OPERABIL-ITY NORM/TEST DBA	<1000 HRS 180 DAYS POST DBA	>5000 HRS >200 DAYS POST DBA	FSAR TABLE 3.11-2	GEK REPORT #50401 PG.24	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 28 DAY CYCLE
EQUIPMENT: MOTORS TYPE									ACCEL TEMP: 190C
COMPONENT: PUMP MOTOR	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	104F NORM 120F1200HR	TAB24I SL2-FSAR TABLE311-1 T390	GEK REPORT #50401 P.4 & FIG5 P.28	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: SEE REPT. SEC.VII
MANUFACTURER: GENERAL ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NRM OPSIG ACC DBA	PAB24 SL2-FSAR TABLE311-1 P390	GEK REPORT #50401 EXCRPTS GE PROP. RPTS	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: GEK REPORT P.39&D8-D11
MAJOR SUPPLIER : BINGHAM WILLAMETTE CO.									SUBCOMPONENTS:
MODEL AND SERIAL #: 5K811052C57/ LN8398678	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100% CONTINUOUS	HAB24I SL2-FSAR TABLE311-1 H390	GEK REPORT #50401 PG.19	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT NOTE 1. MOTOR IS OUTDOOR WPII ENCLOSURE
FUNCT.DES: & SERVICE HIGH PRESSURE INJECTION PUMP									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLI-CABLE	M	NONE	ALTHOUGH USED IN INDOOR APPLICATION 3
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	1.0E6 RADS TOTAL INTEGRATED DOSE	RAB24M SL2-FSAR TABLE311-1 R390	GEK REPORT #50401 PP.6&7	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: PE-401									
P.O #: CE-15 CWD # : 0237/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	GEK REPORT #50401 PP.4,24	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									ESF
COORDINATES X- 577.0 Y- 1511.0 Z- -1.0	SUBMERGED	-10.0 FT	ABOVE FLOOD LEVEL	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES INSTAL. REF: FV0191 QUALIF EXEMPTN: NOT EXEMPT	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 4.4 3
********** *QUALIF* QUALIFIED *STATUS* ******** * **********	OPERABILITY TEMPERATURE T PRESSURE P REL. HUMDTY H CHEM. SPRAY C RADIATION R AGING SUBMERGENCE S	4.4 4.4 4.4 4.4 4.4 4.4 4.4 4.4	REFERENCES: 1.SYSTEM FUNC. FSAR 6.2.2.2.3 2.QUALIFIED TO IEEE 323-74, 334-74,275-66						
PHYS DWG REF: 2998G-390 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 4.4	SAR ENV CAT: D 10588 CATEG.: A APPENDIX E								REVISION # :03 DATE :08/30/82 SYSTEM :SAFETY INJECTION TAG :HPSI P 2A

A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: 890 MW(E) | CES#-0783

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : HPSI P 2B	OPERABIL-ITY	<1000 HRS 180 DAYS POST DBA	>5000 HRS >200 DAYS POST DBA	FSAR TABLE 3.11-2	GEK REPORT #50401 PG.24	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 28 DAY CYCLE
EQUIPMENT: MOTORS TYPE	NORM/TEST DBA								ACCEL TEMP: 190C
COMPONENT: PUMP MOTOR	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	104F NORM 120F1200HR	TAB24I SL2-FSAR TABLE311-1 T390	GEK REPORT #50401 IP.4 & FIG5 IP.28	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: SEE REPT. SEC.VII
MANUFACTURER: GENERAL ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM OPSIG ACC DBA	PAB24 SL2-FSAR TABLE311-1 P390	GEK REPORT #50401 EXCRPTS GE PROP. RPTS	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: GEK REPORT P.39&D8-D11
MAJOR SUPPLIER : BINGHAM WILLAMETTE CO.									SUBCOMPONENTS:
MODEL AND SERIAL # : 5K811052C57/ LN8398679	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100% CONTINUOUS	HAB24I SL2-FSAR TABLE311-1 H390	GEK REPORT #50401 PG.19	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT NOTE 1. MOTOR IS OUTDOOR WPII ENCLOSURE
FUNCT.DES: & SERVICE HIGH PRESSURE INJECTION PUMP	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLI-CABLE	M	NONE	ALTHOUGH USED IN INDOOR APPLICATION
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 240 4.0E4 30 D 2.8E5 2.2E5 1 YR 4.2E5 3.1E5 40YR/RW 1.0E4 2.0E5	1.0E6 RADS TOTAL INTEGRATED DOSE	RAB24M SL2-FSAR TABLE311-1 R390	GEK REPORT #50401 PP.6&7	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: PE-401									
P.O #: CE-15 CWD # : 0238/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	GEK REPORT #50401 PP.4,24	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									ESF
COORDINATES X- 552.0 Y- 1530.0 Z- -1.0	SUBMERGED	-10.0 FT	ABOVE FLOOD LEVEL	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0192									
QUALIF EXEMPTN: NOT EXEMPT									

PARA-METER	SUPPL. REVIEW
OPERABILITY	4.4
TEMPERATURE T	4.4
PRESSURE P	4.4
REL. HUMDTY H	4.4
CHEM. SPRAY C	4.4
RADIATION R	4.4
AGING	4.4
SUBMERGENCE S	4.4

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 4.4

****
QUALIF QUALIFIED
STATUS
****
*
****

REFERENCES:
1. SYSTEM FUNC. FSAR 6.2.2.2.3
2. QUALIFIED TO IEEE 323-74, 334-74, 275-66

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 4.4

SAR ENV CAT: D
0588 CATEG.: A
APPENDIX E

REVISION # : 03
DATE : 08/30/82

SYSTEM : SAFETY INJECTION
TAG : HPSI P 2B

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0788

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : HCV-3615	OPERABIL-ITY	40 YEARS <500 CYCLS	40 YEARS >2000CYCLS	SL2-FSAR TBL 3.11-2	LIMTQ. RPT B0058 APP.	COMB. TEST &	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS	NORM/TEST	<30 MIN	>20 MIN.	OPERATION	C PP5,9,15	EXTRA-			
TYPE	DBA	POST DBA	POST DBA	REVIEW	REF.1,2	POL'N	.		ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVE	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	140F NORM ENVELOPES SL2 PROFIL	TAB24A SL2-FSAR TABLE311-1 T390	LIMTQ.RPT B0058 APP. C PP.13,28 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT:
MANUFACTURER: LIMITORQUE CORPORATION	PRESSURE	ATMOS NORM FIG. C-4B (ACC. DBA)	ENVELOPES SL2 REQUIR EMENTS	PAB24A SL2-FSAR TABLE311-1 P390	LIMTQ.REPT B0058 APP. C P.13 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.:
MAJOR SUPPLIER : TARGET ROCK									SUBCOMPONENTS:
MODEL AND SERIAL # : SMB-1/ 157825	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 50% DESIGN	100%	HAB24A SL2-FSAR TABLE311-1 H390	LIMITQ RPT B0058 APP. C P.18	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE:LIMTQ. RPT B0058,PG. 15,21 STATES QUAL IS NOT SEAL DEPENDENT.
FUNCT.DES: & SERVICE L.P.HEADER OPEN(SIAS)									PARA 4.1.5
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	DEMONSTRATES SIGNIF. MARGIN WITH TWO ACCIDENT TRANS-IENTS
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	440 1.1E5 4.6E5 5.3E5 6.6E5 7.4E5 4.0E4 5.0E5	2.04E8 T.I.D.	RAB24L SL2-FSAR TABLE311-1 R390	LIMTQ RPT B0058 APP. C P.6 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 705									
P.O #: 403351 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS >2000CYCLS	10CFR50 PARA 50.51	LIMTQ RPT B0058 APP. C P.1 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB24									
COORDINATES X- 593.0 Y- 1495.0 Z- 6.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-9
INSTALLED (Y/N): YES									
INSTAL. REF: FV0168	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
QUALIF EXEMPTN: N//A	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE	T 3.1							
	PRESSURE	P 3.1							
	REL. HUMDTY	H 3.1							
	CHEM. SPRAY	C 3.1	REFERENCES: 1)QUAL TO IEEE323-74,383-72, 101-72,117-74.2)NO MOV IS REQ. TO FUNCTION DURING WORST CASE DBA FOR LONG TERM IN NRC-IN81-29NOT1.REV.ON-GOING						
	RADIATION	R 3.1							
PHYS DWG REF: 2998G-390	AGING	3.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 3.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.1	SAR ENV CAT: D								SYSTEM :SAFETY INJECTION
	0588 CATEG.: A								TAG :HCV-3615
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0790

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HCV-3617	OPERABILITY	40 YEARS	SL2-FSAR	LIMTQ. RPT	COMB.	/	NONE	ACCEL TIME:
	NORM/TEST	<500 CYCLS	>2000CYCLS	TBL 3.11-2	B0058 APP.	TEST &			100 HRS
EQUIPMENT: VALVE OPERATORS	DBA	<30 MIN	>20 MIN.	OPERATION	C PP5.9,15	EXTRA-			
TYPE		POST DBA	POST DBA	REVIEW	REF.1,2	POL'N			ACCEL TEMP:
	TEMPERATURE	85.5F NORM	140F NORM	TAB24A	LIMTQ.RPT	COMB.	H	NONE	180C
COMPONENT: MOTOR OPERATED VALVE		FIG. C-2A	ENVELOPES	SL2-FSAR	B0058 APP.	TEST &			REPLACEMENT:
		112F1200HR	SL2 PROFIL	TABLE311-1	C PP.13,28	EXTRA-			
		104FDESIGN		T390	REF.1,2	POL'N			
MANUFACTURER: LIMITORQUE CORPORATION	PRESSURE	ATMOS NORM	ENVELOPES	PAB24A	LIMTQ.REPT	COMB.	H	NONE	MAINTAIN.:
		FIG. C-4B	SL2 REQUIR	SL2-FSAR	B0058 APP.	TEST &			
MAJOR SUPPLIER : TARGET ROCK		(ACC. DBA)	EMENTS	TABLE311-1	C P.13	EXTRA-			SUBCOMPONENTS:
				P390	REF.1,2	POL'N			
MODEL AND SERIAL #: KZ37181	RELATIVE HUMIDITY	70.0% NORM	100%	HAB24A	LIMITQ RPT	COMB.	/	NONE	NOTE:LIMTQ.
		100% 24HRS		SL2-FSAR	B0058 APP.	TEST &			RPT B0058,PG.
		72.0%1200H		TABLE311-1	C P.18	EXTRA-			15,21 STATES
FUNCT.DES: HPSI HEADER & SERVICE OPEN(SIAS)		50% DESIGN		H390		POL'N			QUAL IS NOT
									SEAL DEPENDENT.
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	PARA 4.1.5 DEMONSTRATES SIGNIF. MARGIN WITH TWO ACCIDENT TRANSIENTS
ACCUR. SPEC: NOT APPLICABLE									
	R 2 HR	440 1.1E5	2.04E8	RAB24L	LIMTQ RPT	COMB.	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	A 30 D	4.6E5 5.3E5	T.I.D.	SL2-FSAR	B0058 APP.	TEST &			
	D 1 YR	6.6E5 7.4E5		TABLE311-1	C P.6	EXTRA-			
	40YR/RW	4.0E4 5.0E5		R390	REF.1,2	POL'N			
SPECIFICATIONS: 705,	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS >2000CYCLS	10CFR50 PARA 50.51	LIMTQ RPT B0058 APP. C P.1 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
P.O #: 403351 CWD # : /									
PLANT LOC.: AB24									
COORDINATES X- 593. Y- 1504. Z- 6.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-9
INSTALLED (Y/N): LTR									
INSTAL. REF: BY-FLD									
QUALIF EXEMPTN: N//A									

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.1
TEMPERATURE T	3.1
PRESSURE P	3.1
REL. HUMDTY H	3.1
CHEM. SPRAY C	3.1
RADIATION R	3.1
AGING	3.1
SUBMERGENCE S	3.1

QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.1

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)QUAL TO IEEE323-74,383-72, 101-72,117-74.2)NO MOV IS REQ. TO FUNCTION DURING WORST CASE DBA FOR LONG TERM IN NRC-IN81-29NOT1.REV.ON-GOING

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1

REVISION # :03
DATE :08/30/82

SYSTEM :SAFETY INJECTION
TAG :HCV-3617

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0791

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HCV-3625	OPERABIL-ITY	40 YEARS	40 YEARS	SL2-FSAR	LIMTQ.RPT	COMB.	/	NONE	ACCEL TIME:
		<500 CYCLS	>2000CYCLS	TBL 3.11-2	B0058 APP.	TEST &			100 HRS
EQUIPMENT: VALVE OPERATORS	NORM/TEST	>30 MIN	>20 MIN.	OPERATION	IC PP5.9.15	EXTRA-			
TYPE	DBA	POST DBA	POST DBA	REVIEW	REF.1.2	POL'N	.		ACCEL TEMP:
	TEMPERAT-URE	85.5F NORM	140F NORM	TAB24A	LIMTQ.RPT	COMB.	H	NONE	180 C
COMPONENT: MOTOR OPERATED VALVE		FIG. C-2A	ENVELOPES	SL2-FSAR	B0058 APP.	TEST &			REPLACEMENT:
		112F1200HR	SL2 PROFLE	TABLE311-1	IC PP.13.28	EXTRA-			NOT
		104FDESIGN		T390	REF.1.2	POL'N			APPLICABLE
MANUFACTURER: LIMITORQUE CORP	PRESSURE	ATMOS NORM	ENVELOPES	PAB24A	LIMTQ.RPT	COMB.	H	NONE	MAINTAIN.:
		FIG. C-4B	SL2 REQUIR	SL2-FSAR	B0058 APP.	TEST &			NOT
MAJOR SUPPLIER : TARGET ROCK		(ACC. DBA)	EMENTS	TABLE311-1	IC PP.13.28	EXTRA-			APPLICABLE
				P390	REF.1.2	POL'N			SUBCOMPONENTS:
MODEL AND SERIAL #: SMB-L/ L57827	RELATIVE HUMIDITY	70.0% NORM	100 %	HAB24A	LIMTQ.RPT	COMB	/	NONE	NOTE:LIMTQ.
		100% 24HRS		SL2-FSAR	B0058 APP.	TEST &			RPT B0058,PG.
		72.0%1200H		TABLE311-1	IC P18	EXTRA-			15,21 STATES
FUNCT.DES: L.P.HEADER & SERVICE OPEN(SIAS)		50% DESIGN		H390		POL'N			QUAL IS NOT
									SEAL DEPENDENT.
									PARA 4.1.5
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	DEMONSTRATES SIGNIF. MARGIN WITH TWO ACCIDENT TRANS-IENTS
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR	440 1.1E5	2.04E8	RAB24L	LIMTQ.RPT	COMB	H	NONE	
	A 30 D	4.6E5 5.3E5	T.I.D.	SL2-FSAR	B0058 APP.	TEST &			
	D 1 YR	6.6E5 7.4E5		TABLE311-1	IC PG.6	EXTRA-			
	. 40YR/RW	4.0E4 5.0E5		R390	REF.1.2	POL'N			
SPECIFICATIONS: 705									
P.O #: 403351 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS >2000CYCLS	10CFR50 PARA 50.51	LIMTQ.RPT B0058 APP. IC PG.1 REF.1.2	COMB TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB24									
COORDINATES X- 593. Y- 1499. Z- 6.0	SUBMERGED	NO AREA FLOODING	REF.2	SAB24 SL2-FSAR TABLE311-1 S	LIMTQ.RPT	COMB TEST & EXTRA- POL'N	M	NONE	AUTH. REFERENCE: 3.9-9
INSTALLED (Y/N): YES									
INSTAL. REF: FV0472	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
**********	TEMPERATURE T	3.1							
QUALIF QUALIFIED-FOR	PRESSURE P	3.1							
STATUS INTERIM OPERATION	REL. HUMDTY H	3.1							
********	CHEM. SPRAY C	3.1							
*	RADIATION R	3.1		REFERENCES:	QUAL TO IEEE 323,383,101,117. 2)NO MOV REQ TO FUNC DURING WORST CASE DBA 4 LNG TERM IN NRC-IN 81-29 NOT1. REVIEW ON GOING				
**********	AGING	3.1							
PHYS DWG REF: 2998G-390	SUBMERGENCE S	3.1							REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : NOT APPLICABLE	SAR ENV CAT: D								SYSTEM :SAFETY INJECTION
EQ PACK # : 3.1	O588 CATEG.: A								TAG :HCV-3625
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0792

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HCV-3626	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS <500 CYCLS <30 MIN POST DBA	40 YEARS >2000CYCLS >20 MIN. POST DBA	SL2-FSAR TBL 3.11-2 OPERATION REVIEW	LIMTQ. RPT B0058 APP. C PP5,9,15 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVE	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	140F NORM ENVELOPES SL2 PROFIL	TAB24I SL2-FSAR TABLE311-1 T390	LIMTQ.RPT B0058 APP. C PP.13,28 REF.1,2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT:
MANUFACTURER: LIMITORQUE CORPORATION									MAINTAIN.:
MAJOR SUPPLIER : TARGET ROCK	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ENVELOPES SL2 REQUIR EMENTS	PAB24 SL2-FSAR TABLE311-1 P390	LIMTQ.REPT B0058 APP. C P.13 REF.1,2	COMB. TEST & EXTRA- POL'N	M	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: SMB-00-10	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24I SL2-FSAR TABLE311-1 H390	LIMITQ RPT B0058 APP. C P.18	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE:LIMTQ. RPT B0058,PG. 15,21 STATES QUAL IS NOT SEAL DEPENDENT.
FUNCT.DES: & SERVICE HPSI HEADER OPEN(SIAS)									PARA 4.1.5
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	DEMONSTRATES SIGNIF. MARGIN WITH TWO ACCIDENT TRANS-IENTS
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	12.04E8 T.I.D.	RAB24M SL2-FSAR TABLE311-1 R390	LIMTQ RPT B0058 APP. C P.6 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 705									
P.O #: 403351 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS >2000CYCLS	10CFR50 PARA 50.51	LIMTQ RPT B0058 APP. C P.1 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB24									
COORDINATES X- 567. Y- 1517. Z- 6.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-9
INSTALLED (Y/N): YES									
INSTAL. REF: FV0040	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
QUALIF EXEMPTN: N//A	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR	TEMPERATURE T	3.1							
STATUS INTERIM OPERATION	PRESSURE P	3.1							
	REL. HUMDTY H	3.1							
	CHEM. SPRAY C	3.1	REFERENCES: 1)QUAL TO IEEE323-74,383-72, 101-72,117-74.2)NO MOV IS REQ. TO FUNCTION DURING WORST CASE DBA FOR LONG TERM IN NRC-IN81-29NOT1.REV.ON-GOING						
	RADIATION R	3.1							
PHYS DWG REF: 2998G-390	AGING	3.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	3.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.1	SAR ENV CAT: D								SYSTEM :SAFETY INJECTION
	0588 CATEG.: A								TAG :HCV-3626
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0793

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : HCV-3627	OPERABIL-ITY	40 YEARS	40 YEARS	SL2-FSAR	LIMTQ. RPT	COMB.	/	NONE	ACCEL TIME:
		<500 CYCLS	>2000CYCLS	TBL 3.11-2	B0058 APP.	TEST &			100 HRS
	NORM/TEST	<30 MIN	>20 MIN.	OPERATION	IC PP5,9,15	EXTRA-			
EQUIPMENT: VALVE OPERATORS	DBA	POST DBA	POST DBA	REVIEW	REF.1,2	POL'N			ACCEL TEMP:
TYPE									180C
	TEMPERAT-URE	85.5F NORM	140F NORM	TAB24A	LIMTQ.RPT	COMB.	H	NONE	
COMPONENT: MOTOR OPERATED VALVE		FIG. C-2A	ENVELOPES	SL2-FSAR	B0058 APP.	TEST &			REPLACEMENT:
		112F1200HR	SL2 PROFIL	TABLE311-1	IC PP.13,28	EXTRA-			
		104FDESIGN		T390	REF.1,2	POL'N			
MANUFACTURER: LIMITORQUE CORPORATION	PRESSURE	ATMOS NORM	ENVELOPES	PAB24A	LIMTQ.REPT	COMB.	H	NONE	MAINTAIN.:
		FIG. C-4B	SL2 REQUIR	SL2-FSAR	B0058 APP.	TEST &			
MAJOR SUPPLIER : TARGET ROCK		(ACC. DBA)	EMENTS	TABLE311-1	IC P.13	EXTRA-			SUBCOMPONENTS:
				P390	REF.1,2	POL'N			
MODEL AND SERIAL #: SMB-00/7392	RELATIVE HUMIDITY	70.0% NORM	100%	HAB24A	LIMITQ RPT	COMB.	/	NONE	NOTE:LIMTQ.
		100% 24HRS		SL2-FSAR	B0058 APP.	TEST &			RPT B0058,PG.
		72.0%1200H		TABLE311-1	IC P.18	EXTRA-			15,21 STATES
FUNCT.DES: HPSI HEADER & SERVICE OPEN(SIAS)		50% DESIGN		H390		POL'N			QUAL IS NOT SEAL DEPENDENT.
									PARA 4.1.5
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	DEMONSTRATES SIGNIF. MARGIN WITH TWO ACCIDENT TRANS-IENTS
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D .1 YR 40YR/RW	440 1.1E5 4.6E5 5.3E5 6.6E5 7.4E5 4.0E4 5.0E5	2.04E8 I.T.I.D.	RAB24L SL2-FSAR TABLE311-1 R390	LIMTQ RPT B0058 APP. IC P.6 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE
SPECIFICATIONS: 705									
P.O #: 403351 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS >2000CYCLS	10CFR50 PARA 50.51	LIMTQ RPT B0058 APP. IC P.1 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB24									
COORDINATES X- 593. Y- 1506. Z- 6.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-9
INSTALLED (Y/N): LTR									
INSTAL. REF: BY-FLD	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
QUALIF EXEMPTN: N//A	OPERABILITY	3.1							
**********	TEMPERATURE T	3.1							
QUALIF QUALIFIED-FOR	PRESSURE P	3.1							
STATUS INTERIM OPERATION	REL. HUMDTY H	3.1							
********	CHEM. SPRAY C	3.1							
*	RADIATION R	3.1	REFERENCES: 1)QUAL TO IEEE323-74,383-72, 101-72,117-74.2)NO MOV IS REQ. TO FUNCTION DURING WORST CASE DBA FOR LONG TERM IN NRC-IN81-29NOT1.REV.ON-GOING						
**********	AGING	3.1							
PHYS DWG REF: 2998G-390	SUBMERGENCE S	3.1							
PHYS DWG LOC:									REVISION # :03
MOUNTING : NOT APPLICABLE	SAR ENV CAT: D								DATE :08/30/82
EQ PACK # : 3.1	0588 CATEG.: A								
	APPENDIX E								SYSTEM :SAFETY INJECTION
									TAG :HCV-3627

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0797

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HCV-3645	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS <500 CYCLS <30 MIN POST DBA	40 YEARS >2000CYCLS >20 MIN. POST DBA	SL2-FSAR TBL 3.11-2 OPERATION REVIEW	LIMTQ. RPT B0058 APP. C PP5,9,15 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVE	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	140F NORM ENVELOPES SL2 PROFIL	TAB24 SL2-FSAR TABLE311-1 T390	LIMTQ.RPT B0058 APP. C PP.13,28 REF.1,2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT:
MANUFACTURER: LIMITORQUE CORPORATION	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ENVELOPES SL2 REQUIR EMENTS	PAB24 SL2-FSAR TABLE311-1 P390	LIMTQ.REPT B0058 APP. C P.13 REF.1,2	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.:
MAJOR SUPPLIER : TARGET ROCK									APPLICABLE SUBCOMPONENTS:
MODEL AND SERIAL # : 2-22049	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 43% DESIGN	100%	HAB24 SL2-FSAR TABLE311-1 H390	LIMITQ RPT B0058 APP. C P.18	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE:LIMTQ. RPT B0058,PG. 15,21 STATES QUAL IS NOT SEAL DEPENDENT.
FUNCT.DES: L.P.HEADER & SERVICE OPEN(SIAS)									PARA 4.1.5
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	DEMONSTRATES SIGNIF. MARGIN WITH TWO
ACCUR. SPEC: NOT APPLICABLE									ACCIDENT TRANS-IENTS
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	480 1.1E3 15.0E5 3.8E4 17.3E5 4.9E4 15.0E3 5.0E3	2.04E8 T.I.D.	RAB24C . SL2-FSAR TABLE311-1 R390	LIMTQ RPT B0058 APP. C P.6 REF.1,2	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 705									
P.O #:403351 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS >2000CYCLS	10CFR50 PARA 50.51	LIMTQ RPT B0058 APP. C P.1 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB24									
COORDINATES X- 549. Y- 1426. Z- 6.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
INSTALLED (Y/N): LTR									AUTH. REFERENCE: 3.9-9
INSTAL. REF: BY-FLD	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
QUALIF EXEMPTN: N//A	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE T PRESSURE P REL. HUMDTY H CHEM. SPRAY C RADIATION R	3.1 3.1 3.1 3.1 3.1							
PHYS DWG REF: 2998G-390	AGING	3.1	REFERENCES: 1)QUAL TO IEEE323-74,383-72, 101-72,117-74.2)NO MOV IS REQ. TO FUNCTION DURING WORST CASE DBA FOR LONG TERM IN NRC-IN81-29NOT1.REV.ON-GOING						REVISION # :03 3
PHYS DWG LOC:	SUBMERGENCE S	3.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.1	SAR ENV CAT: E 10588 CATEG.: A APPENDIX E								SYSTEM :SAFETY INJECTION TAG :HCV-3645

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0851

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : LCV-07-11A	OPERABIL-ITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	>40 YEARS +40000CYCL	SL2-FSAR TBL3.11-2	PG.5-1 OF NOTE 1 PG.4-7 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS TYPE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM >SL2 DBA REQUIRMNTS	TRB15 SL2-FSAR TABLE311-1 T365	PG 4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	ACCEL TEMP: 268/248F
COMPONENT: CONTROL VALVE									REPLACEMENT: FIG5,6 NOTE2 SRS#A3.2
MANUFACTURER: ASCO/NAMCO	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIGNORM >SL2 DBA REQUIRMNTS	PRB15 SL2-FSAR TABLE311-1 P365	PG 4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: FIG5,6 NOTE2 SRS#A3.2
MAJOR SUPPLIER : WKM									SUBCOMPONENTS:
MODEL AND SERIAL #: S:NP8321A1E LS:EA18021302	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	>90%	HRB15 SL2-FSAR TABLE311-1 H365	IP.8-2 OF NOTE 1 IP.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1:ASCO REPT. AQS21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80
FUNCT.DES: & SERVICE ISOLATION VALVES									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ	3000PPM B PH9.5-10.0	CRB15 SL2-FSAR TABLE311-1 C365	IP.4-4 OF NOTE 1 IP.10-51 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE		PH 4.9-7.0							
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	IP.4-4 OF NOTE 1 IP.4-4 OF NOTE 2	H	NONE	
SPECIFICATIONS: 110									
P.O #:422550 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 IP.4-12 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB15									
COORDINATES X- 619.0 Y- 1517.0 Z- 26.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	FLD.VERIFD AT>26FT.	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0380	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	3.2/9.2							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE	T 3.2/9.2							
	PRESSURE	P 3.2/9.2							
	REL. HUMDTY	H 3.2/9.2							
	CHEM. SPRAY	C 3.2/9.2	REFERENCES: 1.IEEE323-74,382-72						
	RADIATION	R 3.2/9.2	2.CONAX MODULES INSTALLED PER FV0052.						
PHYS DWG REF: 2998G-365	AGING	3.2/9.2							
PHYS DWG LOC:	SUBMERGENCE	S 3.2/9.2							REVISION # :03 DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.2/9.2	SAR ENV CAT: A								SYSTEM :CONTAINMENT SPRAY TAG :LCV-07-11A
	0588 CATEG.: A								
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0852

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : LCV-07-11B	OPERABIL-ITY	40 YEARS 180 DAYS POST DBA	>40 YEARS +40000CYCL	SL2-FSAR TBL3.11-2	PG.5-1 OF NOTE 1 PG.4-7 OF	COMB. TEST & EXTRA-	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA				NOTE 2	POL'N	.		ACCEL TEMP: 268/248F
COMPONENT: CONTROL VALVE	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	120F NORM >SL2 DBA REQUIRMNTS	TAB25A SL2-FSAR TABLE311-1 T393	PG 4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: FIG5,6 NOTE2
MANUFACTURER: ASCO/NAMCO									MAINTAIN.: FIG5,6 NOTE2
MAJOR : WKM SUPPLIER	PRESSURE	ATMOS NORM FIG. C-2B, (ACC. DBA)	OPSIGNORM >SL2 DBA REQUIRMNTS	PAB25A SL2-FSAR TABLE311-1 P393	PG 4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: LS:EA18021302 SERIAL # S:NP8321A1E	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	>90%	HAB25A SL2-FSAR TABLE311-1 H393	P.8-2 OF NOTE 1 P.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1:ASCO REPT. A0S21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80
FUNCT.DES: ISOLATION & SERVICE VALVES									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	2.0E8 TOTAL INTEGRATED DOSE	RAB25C1 SL2-FSAR TABLE311-1 R393	P.4-4 OF NOTE 1 P.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 110									
P.O #:422550 CWD # : 0576/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.5	PG.5-1 OF NOTE 1 P.4-12 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB25									
COORDINATES X- 596.0 Y- 1520.0 Z- 20.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	M	NONE	PAM AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0158	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.2/9.2
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	3.2/9.2							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE	T 3.2/9.2							
	PRESSURE	P 3.2/9.2							
	REL. HUMDTY	H 3.2/9.2							
	CHEM. SPRAY	C 3.2/9.2	REFERENCES: 1.IEEE323-74,382-72						
	RADIATION	R 3.2/9.2							
PHYS DWG REF: 2998G-393	AGING	3.2/9.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 3.2/9.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.2/9.2	SAR ENV CAT: D								SYSTEM :CONTAINMENT SPRAY
	0588 CATEG.: A								TAG :LCV-07-11B
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0865

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : LPSI P 2A	OPERABIL-ITY	3 MO/YR NORMAL	>3 MO/YR NORM	SL2-FSAR TABLE	WESTINGHSE REPT/WCAP	COMBND TEST +	/	NONE	ACCEL TIME:
	NORM/TEST	180 DAYS	>200 DAYS	3.11-2	8754	EXTRPL			4400HR
EQUIPMENT: MOTORS	DBA	POST DBA	POST DBA	OPER. REV.	PG 9-1	REF.3			
TYPE									ACCEL TEMP:
	TEMPERAT-URE	85.5F NORM	104F NORM	TAB24I	WESTINGHSE	COMBND	M	NONE	210C
COMPONENT: PUMP MOTOR			120F1200HR	SL2-FSAR	REPT/WCAP	TEST +			
		112F1200HR	110FDESIGN	TABLE311-1	8754	EXTRPL			REPLACEMENT:
		104FDESIGN		T390	PG 4-2	REF.3			PER INST
MANUFACTURER: WESTINGHOUSE									MAN.
	PRESSURE	ATMOS NORM	ATMOS NORM	PAB24	WESTINGHSE	COMBND	M	NONE	MAINTAIN.:
		OPSIG	OPSIG	SL2-FSAR	REPT/WCAP	TEST +			PER INST
MAJOR SUPPLIER : INGERSOLL-RAND		(ACC. DBA)	ACC DBA	TABLE311-1	8754	EXTRPL			MAN.
				P390	PG 4-1	REF 1			SUBCOMPONENTS:
MODEL AND SERIAL # : 5010P39VSWF/ 1S-78	RELATIVE HUMIDITY	70.0% NORM	100%	HAB24I	WCAP-8754	COMBND	/	NONE	NO UNIQUE TAGGED
				SL2-FSAR	TEST REP'T	TEST +			SUBCOMPONENTS ARE
		72.0%1200H		TABLE311-1	DATA SHEET	EXTRPL			ENVELOPED BY THIS
FUNCT.DES: & SERVICE LOW PRESSURE SFTY INJECTION PUMP		50% DESIGN		H390	PARA 4-3	REF.3			EQUIP. 1.MOTOR LOC
									INDOORS HAS OUTDOO
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	R WPI ENCLOSURE. 2.MOTOR WINDINGS ARE VACCUUM PRESS. IMPREGNATED FORMIN G SEALED SYSTEM.
ACCUR. SPEC: NOT APPLICABLE									3. IEEE323-74,334-
	R 2 HR	240 4.0E4	2.0E8 RADS	RAB24M	WCAP-8754	WCAP-	H	NONE	74, 275-66, NEMA
	A 30 D	2.8E5 2.2E5	TOTAL	SL2-FSAR	TEST-REP'T	7829			MG-1 USED IN QUALI
ACCUR. DEM.: NOT APPLICABLE	D 1 YR	4.2E5 3.1E5	INTEGRATED	TABLE311-1	PG. 5.1	REF.2,			FICATION.
	. 40YR/RW	1.0E4 2.0E5	DOSE	R390		NOTE 3			
SPECIFICATIONS: PE-402									
	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51 LICENSE DURATION	WESTINGHSE RPT WCAP 8754	COMBND TEST + EXTRPL REF. 3	/	NONE	SAFETY FUNCTION:
P.O #: 500775 CWD # : 0251/									
PLANT LOC.: AB24									ESF
									SD
COORDINATES X- 583.0 Y- 1472.0 Z- -1.0	SUBMERGED	-10.0 FT	ABOVE FLOOD LEVEL	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0203	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 4.5
QUALIF EXEMPTN: NOT EXEMPT									
**********	OPERABILITY	4.5							
QUALIF QUALIFIED	TEMPERATURE T	4.5							
STATUS	PRESSURE P	4.5							
********	REL. HUMDTY H	4.5							
*	CHEM. SPRAY C	4.5							
**********	RADIATION R	4.5							
PHYS DWG REF: 2998G-390	AGING	4.5							
PHYS DWG LOC:	SUBMERGENCE S	4.5							
MOUNTING : NOT APPLICABLE									
EQ PACK # : 4.5	SAR ENV CAT: D								
	0588 CATEG.: A								
	APPENDIX E								

REFERENCES: 1.FSAR SUBSEC.6.3.2 & FIGS.6.3 .2 DESCRIBE EQUIP. FUNC. 2.CE TO RESPOND-CONFIRM MINOR DATA TRACEABILITY CONCERNS-LTR NSS-2-81-88(11/9/81) REF3-SUBCOMP.

REVISION # :03
DATE :08/30/82

SYSTEM :SAFETY INJECTION
TAG :LPSI P 2A

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0866

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM.	ENV. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM.	DOC. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : LPSI P 2A PB	OPERABIL-ITY	40 YEARS + TEST + 180 DAYS POST		REF 1	FSAR TABLE 3.11-2		REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE	NORM/TEST DBA	DBA									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN		REF 1	TAB24A SL2-FSAR TABLE311-1 T390		REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM FIG. C-4B (ACC. DBA)		REF 1	PAB24A SL2-FSAR TABLE311-1 P390		REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE											SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C10-2A	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 50% DESIGN		REF 1	HAB24A SL2-FSAR TABLE311-1 H390		REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED											
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY		REF 1	CAB24 SL2-FSAR TABLE311-1		REF 1	NOT APPLIC ABLE	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	440 1.1E5 14.6E5 5.3E5 16.6E5 7.4E5 14.0E4 5.0E5		REF 1	RAB24L SL2-FSAR TABLE311-1 R390		REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:324											
P.O #:422589 CWD # : 0251/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS		REF 1	10CFR50 PARA 50.51		REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24											
COORDINATES X- 596.0 Y- 1470.0 Z- -1.0	SUBMERGED	NO AREA FLOODING		REF 1	SAB24 SL2-FSAR TABLE311-1		REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES											
INSTAL. REF:FV0204	PARA-METER	SUPPL. REVIEW			FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1									
**********	TEMPERATURE T	55.1									
QUALIF RETEST	PRESSURE P	55.1									
STATUS	REL. HUMDTY H	55.1									
********	CHEM. SPRAY C	55.1									
*	RADIATION R	55.1			REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
**********	AGING	55.1									
PHYS DWG REF: 2998G-390	SUBMERGENCE S	55.1									REVISION # :03 DATE :08/30/82
PHYS DWG LOC:											
MOUNTING : NOT APPLICABLE											
EQ PACK # : 55.1	SAR ENV CAT: D										SYSTEM :SAFETY INJECTION
	10588 CATEG.: B										TAG :LPSI P 2A PB
	APPENDIX E										

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0867

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : LPSI P 2B	OPERABIL-ITY	3 MO/YR NORMAL	>3 MO/YR NORM	SL2-FSAR TABLE	WESTINGHSE REPT/WCAP	COMBND TEST +	/	NONE	ACCEL TIME:
	NORM/TEST	180 DAYS	>200 DAYS	3.11-2	8754	EXTRPL			4400HR
EQUIPMENT: MOTORS	DBA	POST DBA	POST DBA	OPER. REV.	PG 9-1	REF.3	.		ACCEL TEMP:
TYPE									210C
	TEMPERAT-URE	85.5F NORM	104F NORM	TAB24I	WESTINGHSE	COMBND	M	NONE	
COMPONENT: PUMP MOTOR			120F1200HR	SL2-FSAR	REPT/WCAP	TEST +			REPLACEMENT:
		112F1200HR	110FDESIGN	TABLE311-1	8754	EXTRPL			PER INST
		104FDESIGN		T390	PG 4-2	REF.3			MAN.
MANUFACTURER:WESTINGHOUSE									MAINTAIN.:
	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM OPSIG ACC DBA	PAB24 SL2-FSAR TABLE311-1 P390	WESTINGHSE REPT/WCAP 8754 PG 4-1	COMBND TEST + EXTRPL REF 1	M	NONE	PER INST MAN
MAJOR : INGERSOLL-RAND SUPPLIER									SUBCOMPONENTS: 3
									NO UNIQUE TAGGED
MODEL AND: 5010P39VSWF/ SERIAL # 2S-78	RELATIVE HUMIDITY	70.0% NORM	100%	HAB24I SL2-FSAR TABLE311-1 H390	WCAP-8754 TEST REP'T DATA SHEET PARA 4-3	COMBND TEST + EXTRPL REF.3	/	NONE	SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIP. 1.MOTOR LOC
		72.0%1200H 50% DESIGN							INDOORS HAS OUTDOO
FUNCT.DES: LOW PRESSURE I & SERVICE NJECTION PUMP									R WPI ENCLOSURE.
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	2.MOTOR WINDINGS ARE VACCUUM PRESS. IMPREGNATED FORMIN
ACCUR. SPEC: NOT APPLICABLE									G SEALED SYSTEM. 3. IEEE323-74,334-
	R 2 HR	240 4.0E4	2.0E8 RADS	RAB24M	WCAP-8754	WCAP-	H	NONE	74, 275-66, NEMA
ACCUR. DEM.: NOT APPLICABLE	A 30 D	2.8E5 2.2E5	TOTAL	SL2-FSAR	TEST REP'T	7829			MG-1 USED IN QUALI
	D 1 YR	4.2E5 3.1E5	INTEGRATED	TABLE311-1	PG. 5.1	REF.2,			FICATION.
	. 40YR/RW	1.0E4 2.0E5	DOSE	R390		NOTE 3			
SPECIFICATIONS:PE-402									
	AGE-	40 YEARS	40 YEARS	10CFR50	WESTINGHSE	COMBND	/	NONE	SAFETY FUNCTION:
P.O #:500775 CWD # : 0252/	INST LIFE (PER 323-1974 DEF.)			PARA.50.51	RPT WCAP 8754	TEST + EXTRPL REF. 3			ESF
PLANT LOC.: AB24									SD
COORDINATES X- 552.0	SUBMERGED	-10.0 FT	ABOVE	SAB24M	NOT	NOT	M	NONE	
Y- 1472.0			FLOOD	SL2-FSAR	APPLICABLE	APPLIC			
Z- -1.0			LEVEL	TABLE311-1		ABLE			AUTH. REFERENCE:
				S390					7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF:FV0205	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION
QUALIF EXEMPTN: NOT APPLIC									PACKAGE:4.5
**********	OPERABILITY	4.5							
QUALIF QUALIFIED	TEMPERATURE	T 4.5							
STATUS	PRESSURE	P 4.5							
********	REL. HUMDTY	H 4.5							
*	CHEM. SPRAY	C 4.5	REFERENCES: 1.FSAR SUBSEC.6.3.2 & FIGS.6.3 .2 DESCRIBE EQUIP. FUNC. 2.CE TO RESPOND-CONFIRM MINOR DATA TRACEABILITY CONCERNS-LTR NSS-2-81-88(11/9/81) REF3-SUBCOMP.							
**********	RADIATION	R 4.5							
PHYS DWG REF: 2998G-390	AGING	4.5							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 4.5							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 4.5	SAR ENV CAT: D								SYSTEM :SAFETY INJECTION
	0588 CATEG.: A								TAG :LPSI P 2B
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0868

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM.	ENV. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM.	DOC. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : LPSI P 2B PB	OPERABIL-ITY	40 YEARS + TEST + 180 DAYS POST		REF 1	FSAR TABLE 3.11-2		REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE	NORM/TEST DBA	DBA									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN		REF 1	TAB24I SL2-FSAR TABLE311-1 T390		REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)		REF 1	PAB24 SL2-FSAR TABLE311-1 P390		REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE											SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C10-2A	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN		REF 1	HAB24I SL2-FSAR TABLE311-1 H390		REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED											
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY		REF 1	CAB24 SL2-FSAR TABLE311-1		REF 1	NOT APPLICABLE	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5		REF 1	RAB24M SL2-FSAR TABLE311-1 R390		REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 324											
P.O #: 422589 CWD # : 0252/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS		REF 1	10CFR50 PARA 50.51		REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24											3
COORDINATES X- 550.0 Y- 1480.0 Z- -1.0	SUBMERGED	-10.0 FT		REF 1	SAB24M SL2-FSAR TABLE311-1 S390		REF 1	NOT APPLICABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES											
INSTAL. REF: FV0206	PARA-METER	SUPPL. REVIEW			FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1									
QUALIF RETEST *STATUS* ******** *	TEMPERATURE T PRESSURE P REL. HUMDTY H CHEM. SPRAY C RADIATION R	55.1 55.1 55.1 55.1									
PHYS DWG REF: 2998G-390	AGING	55.1			REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK. VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						REVISION # : 03 DATE : 08/30/82
PHYS DWG LOC:	SUBMERGENCE S	55.1									
MOUNTING : NOT APPLICABLE											SYSTEM : SAFETY INJECTION
EQ PACK # : 55.1	SAR ENV CAT: D 10588 CATEG.: B APPENDIX E										TAG : LPSI P 2B PB

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0874

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : LS-06-1A	OPERABIL-ITY NORM/TEST DBA	<500 CYCLS 180 DAYS POST DBA	10000CYCLS >200 DAYS POST DBA	FSAR AND OPER RVIEW TABLE311-2	REF 1 PG.4,59	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: 400 HRS
EQUIPMENT: SWITCH TYPE									ACCEL TEMP: 350F
COMPONENT: LEVEL SWITCH	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	125F NORM 300F FOR 160.5 HRS	TAB24A SL2-FSAR TABLE311-1 T390	REF 1 PG.54,58, 145	COMB. TEST & EXTRA-POL'N	H	NONE	REPLACEMENT: 5 YRS;NON-METALLICCOMP
MANUFACTURER:MAGNETROL									MAINTAIN.: 1 YEAR INSPECTION
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	ATMOS NORM FIG. C-4B (ACC. DBA)	ATMOS NORM AND (ACC DBA)	PAB24A SL2-FSAR TABLE311-1 P390	REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: A103F-EP/VPX-Y SERIAL # SIMD4DC	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 50% DESIGN	95.0%-100%	HAB24A SL2-FSAR TABLE311-1 H390	REF 1 PG.145,146	COMB. TEST & EXTRA-POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: ECCS SAFEGUARD & SERVICE RM-A SUMP PUMP									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	
ACCUR. SPEC: LATER									
ACCUR. DEM.: LATER	R 2 HR A 30 D D 1 YR . 40YR/RW	440 1.1E5 4.6E5 5.3E5 6.6E5 7.4E5 4.0E4 5.0E5	2.5E7 RADS INTEGRATED DOSE	RAB24L SL2-FSAR TABLE311-1 R390	REF 1 PG.68	COMB. TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS:131									
P.O #:422554 CWD # : 0532/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	REF.1 PG.75	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									ESF
COORDINATES X- 596.0 Y- 1465.0 Z- -1.0	SUBMERGED	NO AREA FLOODING	ABOVE FLOODLEVEL	SAB24 SL2-FSAR TABLE311-1 S	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 7.5-3
INSTALLED (Y/N): NO INSTAL. REF:FV0159 QUALIF EXEMPTN: NOT APPLICBL	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:36.2
**********	OPERABILITY	36.2							
QUALIF QUALIFIED	TEMPERATURE T	36.2							
STATUS	PRESSURE P	36.2							
********	REL. HUMDTY H	36.2							
*	CHEM. SPRAY C	36.2		REFERENCES: 1)WYLE LAB #43235-1 REV.A					3
**********	RADIATION R	36.2		2)IEEE 323-74,101-72					
PHYS DWG REF: 2998G-390	AGING	36.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	36.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 36.2	SAR ENV CAT: D								SYSTEM :WASTE MANAGEMENT
	0588 CATEG.: A								TAG :LS-06-1A
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-0875

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : LS-06-1B	OPERABIL-ITY NORM/TEST DBA	<500 CYCLS 180 DAYS POST DBA	10000CYCLS >200 DAYS POST DBA	FSAR AND OPER RVIEW TABLE311-2	REF 1 PG.4,59	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 400 HRS
EQUIPMENT: SWITCH TYPE									ACCEL TEMP: 350F
COMPONENT: LEVEL SWITCH	TEMPERAT-URE	85.5F NORM 112F 1200HR 104F DESIGN	125F NORM 300F FOR 160.5 HRS	TAB24I SL2-FSAR TABLE311-1 T390	REF 1 PG.54,58, 145	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: 5 YRS;NON-METALLICCOMP
MANUFACTURER: MAGNETROL									MAINTAIN.: 1 YEAR INSPECTION
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM AND (ACC DBA)	PAB24 SL2-FSAR TABLE311-1 P390	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: A103F-EP/VPX-Y SIMD4DC	RELATIVE HUMIDITY	70.0% NORM 72.0% 1200H 50% DESIGN	95.0%-100%	HAB24I SL2-FSAR TABLE311-1 H390	REF 1 PG.145,146	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: ECCS SAFEGUARD & SERVICE RM-B SUMP PUMP									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	
ACCUR. SPEC: LATER									
ACCUR. DEM.: LATER	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.5E7 RADS INTEGRATED DOSE	RAB24M SL2-FSAR TABLE311-1 R390	REF 1 PG.68	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 131									
P.O #: 422554 CWD # : 0533/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	REF.1 PG.75	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									ESF
COORDINATES X- 547.0 Y- 1536.0 Z- -1.0	SUBMERGED	-10.0 FT	ABOVE FLOODLEVEL	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 7.5-3
INSTALLED (Y/N): NO									
INSTAL. REF: FV0160	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 36.2
QUALIF EXEMPTN: NOT APPLICBL									
**********	OPERABILITY	36.2							
QUALIF QUALIFIED	TEMPERATURE T	36.2							
STATUS	PRESSURE P	36.2							
********	REL. HUMDTY H	36.2							
*	CHEM. SPRAY C	36.2	REFERENCES: 1) WYLE LAB #43235-1 REV.A 2) IEEE 323-74, 101-72						
**********	RADIATION R	36.2							
PHYS DWG REF: 2998G-390	AGING	36.2							REVISION # : 03 DATE : 08/30/82
PHYS DWG LOC:	SUBMERGENCE S	36.2							
MOUNTING : NOT APPLICABLE									
EQ PACK # : 36.2	SAR ENV CAT: D 10588 CATEG.: A APPENDIX E								SYSTEM : WASTE MANAGEMENT TAG : LS-06-1B

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1019

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : MV-07-2A	OPERABIL-ITY	40 YRS <500 CYCLS UP TO 180 DY POSTDBA	40 YRS 2000 CYCLS >200 DAYS POST DBA	SL2-FSAR TABLE311-2 OPER. REVIEW	LIMITRQ RP T B0058 P. 16,131 APP D REF1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA								ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TAB25C SL2-FSAR TABLE311-1 T393	LMTRQ REPT B0058 APP. D P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PAB25C SL2-FSAR TABLE311-1 P393	LMTRQ REPT B0058 APP. D P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : HENRY PRATT									SUBCOMPONENTS:
MODEL AND SERIAL # : LO-SMB-000-10	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	100%	HAB25C SL2-FSAR TABLE311-1 H393	LMTRQ REPT B0058 APP. D P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE:LIMTQ. RPT B0058,PG. 15,21 STATES QUAL IS NOT SEAL DEPENDENT.
FUNCT.DES: SUMP ISOL & SERVICE OPEN(RAS)	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	PARA 4.1.5 DEMONSTRATES SIGNIF. MARGIN WITH TWO ACCIDENT TRANS-IENTS
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	2.04E8 TOTAL INTEGRATED DOSE	RAB25C SL2-FSAR TABLE311-1 R393	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 114									
P.O #:422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB25									ESF
COORDINATES X- 605.0 Y- 1507.0 Z- 20.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	SAB25 SL2-FSAR TBL 3.11-1	NOT APPLICABLE	N/A	/	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): NO INSTAL. REF: FV0221 QUALIF EXEMPTN: NOT APPLIC	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
**********	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR	TEMPERATURE T	3.1							
STATUS INTERIM OPERATION	PRESSURE P	3.1							
********	REL. HUMDTY H	3.1							
*	CHEM. SPRAY C	3.1							
**********	RADIATION R	3.1							
PHYS DWG REF: 2998G-393	AGING	3.1							
PHYS DWG LOC:	SUBMERGENCE	3.1							
MOUNTING : PIPETN SA									
EQ PACK # : 3.1	SAR ENV CAT: D 10588 CATEG.: A APPENDIX E		REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA. REF 3. UNDER SUBCOMPONENTS						REVISION # :03 DATE :08/30/82 SYSTEM :CONTAINMENT SPRAY TAG :MV-07-2A

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1020

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : MV-07-2A PB	OPERABILITY NORM/TEST DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERATURE	85.5F NORM 112F1200HR 104FDESIGN	REF 1	TAB25 SL2-FSAR TABLE311-1 T392	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1	PAB25 SL2-FSAR TABLE311-1 P392	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C10-2B	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H	REF 1	HAB25 SL2-FSAR TABLE311-1	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE TAG INDICATED		43% DESIGN		H392					
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB25 SL2-FSAR TABLE311-1	REF 1	NOT APPLICABLE	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	310 1.0E4 3.5E5 8.8E4 5.3E5 1.2E5 1.0E4 5.0E4	REF 1	RAB25I SL2-FSAR TABLE311-1 R393	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS:324									
P.O #:422589 CWD # : 0299/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB25									
COORDINATES X- 585.0 Y- 1516.0 Z- 23.0	SUBMERGED	NO AREA FLOODING	REF 1	SAB25 SL2-FSAR TABLE311-1	REF 1	NOT APPLICABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF: FV0220	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	55.1							
	PRESSURE P	55.1							
	REL. HUMDTY H	55.1							
	CHEM. SPRAY C	55.1							
	RADIATION R	55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30.1982						
PHYS DWG REF: 2998G-392	AGING	55.1							
PHYS DWG LOC:	SUBMERGENCE S	55.1							
MOUNTING : NOT APPLICABLE									
EQ PACK # : 55.1	SAR ENV CAT: E 0588 CATEG.: B APPENDIX E								REVISION # :03 DATE :08/30/82
									SYSTEM :CONTAINMENT SPRAY TAG :MV-07-2A PB

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1021

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : MV-07-2B	OPERABIL-ITY	40 YRS <500 CYCLS UP TO 180 DY POSTDBA	40 YRS 2000 CYCLS >200 DAYS POST DBA	SL2-FSAR TABLE311-2 OPER. REVIEW .	LIMITRQ RP IT B0058 P. 16,131 APP ID REF1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA								ACCEL TEMP: 180C
COMPONENT: MOTOR-OPERATED VALVES	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TAB25C SL2-FSAR TABLE311-1 T393	LMTRQ REPT B0058 APP. ID P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PAB25C SL2-FSAR TABLE311-1 P393	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : HENRY PRATT									SUBCOMPONENTS:
MODEL AND SERIAL # : LO-SMB-000-10	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	100%	HAB25C SL2-FSAR TABLE311-1 H393	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE:LIMTQ. RPT B0058,PG. 15,21 STATES QUAL IS NOT SEAL DEPENDENT.
FUNCT.DES: & SERVICE SUMP ISOL OPEN(RAS)									PARA 4.1.5
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	DEMONSTRATES SIGNIF. MARGIN WITH TWO ACCIDENT TRANS-IENTS
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	2.04E8 TOTAL INTEGRATED DOSE	RAB25C SL2-FSAR TABLE311-1 R393	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 114									
P.O #:422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB25									
COORDINATES X- 605.0 Y- 1492.0 Z- 20.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	SAB25 SL2-FSAR TBL 3.11-1	NOT APPLICABLE	N/A	/	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): NO									
INSTAL. REF: FV0223	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR	TEMPERATURE T	3.1							
STATUS INTERIM OPERATION	PRESSURE P	3.1							
********	REL. HUMDTY H	3.1							
*	CHEM. SPRAY C	3.1	REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA. REF 3. UNDER SUBCOMPONENTS						
********	RADIATION R	3.1							
PHYS DWG REF: 2998G-393	AGING	3.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	3.1							DATE :08/30/82
MOUNTING : PIPETN SB									SYSTEM :CONTAINMENT SPRAY
EQ PACK # : 3.1	SAR ENV CAT: D								TAG :MV-07-2B
	0588 CATEG.: A								
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1022

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	DEM. (2)	DOCUMENTATION ACTUAL (3)	DEM. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : MV-07-2B PB	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS + TEST + 180 DAYS POST-DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES									ACCEL TEMP: REF 1
TYPE COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	REF 1	TAB25 SL2-FSAR TABLE311-1 T392	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1	PAB25 SL2-FSAR TABLE311-1 P392	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : B/M	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 43% DESIGN	REF 1	HAB25 SL2-FSAR TABLE311-1 H392	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE TAG INDICATED									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB25 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	310 1.0E4 3.5E5 8.8E4 5.3E5 1.2E5 1.0E4 5.0E4	REF 1	RAB25I SL2-FSAR TABLE311-1 R393	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS:324									
P.O #:422589 CWD # : 0300/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB25									
COORDINATES X- 581.0 Y- 1519.0 Z- 20.0	SUBMERGED	NO AREA FLOODING	REF 1	SAB25 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF:FV0399	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT									
**********	OPERABILITY	55.1							
QUALIF RETEST	TEMPERATURE T	55.1							
STATUS	PRESSURE P	55.1							
********	REL. HUMDTY H	55.1							
*	CHEM. SPRAY C	55.1							
**********	RADIATION R	55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
PHYS DWG REF: 2998G-392	AGING	55.1							
PHYS DWG LOC:	SUBMERGENCE S	55.1							REVISION # :03
MOUNTING : NOT APPLICABLE									DATE :08/30/82
EQ PACK # : 55.1	SAR ENV CAT: E								SYSTEM :MAIN STEAM
	0588 CATEG.: B								TAG :MV-07-2B PB
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1023

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : MV-08-1A	OPERABIL-ITY	40 YRS <500 CYCLS UP TO 180	40 YRS 2000 CYCLS >200 DAYS	SL2-FSAR TABLE311-2 OPER.	LIMITRQ RP T B0058 P. 16,131 APP	COMB. TEST & EXTRA-	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA	DY POSTDBA	POST DBA	REVIEW	ID REF1,2	POL'N			ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TTB23C SL2-FSAR TABLE311-1 T408 2C	LMTRQ REPT B0058 APP. ID P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP									MAINTAIN.:
MAJOR : ROCKWELL SUPPLIER	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PTB23C SL2-FSAR TABLE311-1 P408 2C	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND: AK021 SERIAL #	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23C SL2-FSAR TABLE311-1 H408 2C	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE:LIMTQ. RPT B0058,PG. 15,21 STATES QUAL IS NOT
FUNCT.DES: MSIV BYPASS & SERVICE									SEAL DEPENDENT. PARA 4.1.5
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23S SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	M	NONE	DEMONSTRATES SIGNIF. MARGIN WITH TWO ACCIDENT TRANS- IENTS
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	2.04E8 TOTAL INTEGRATED DOSE	RTB23C SL2-FSAR TABLE311-1 R408 2C	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 115									
P.O #:422528 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: TB23									
COORDINATES X- 734.0 Y- 1391.0 Z- 46.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23C SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	N/A	M	NONE	. AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES INSTAL. REF: FV0225 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
********** *QUALIF* QUALIFIED-FOR *STATUS* INTERIM OPERATION ********** * **********	OPERABILITY TEMPERATURE T PRESSURE P REL. HUMDTY H CHEM. SPRAY C RADIATION R	3.1 3.1 3.1 3.1 3.1 3.1	REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA. REF 3. UNDER SUBCOMPONENTS						3
PHYS DWG REF: 2998G-408 2C PHYS DWG LOC: MOUNTING : STM TRESL EQ PACK # : 3.1	AGING SUBMERGENCE S SAR ENV CAT: K 0588 CATEG.: A APPENDIX E	3.1 3.1							REVISION # :03 DATE :08/30/82 SYSTEM :MAIN STEAM TAG :MV-08-1A

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1024

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	1	DEM. QUALIF.	2	DOCUMENTATION ACTUAL	3	DEM. QUALIF.	4	QUALIF. METHOD	5	H/MI	6	OUTS ITEMS	7	
TAG NO : MV-08-1A PB	OPERABIL-ITY	40 YEARS + TEST + 180 DAYS POST		REF 1		FSAR TABLE 3.11-2		REF 1		COMB. TEST & EXTRA-		/		NONE		ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE	NORM/TEST DBA	DBA								POL'N						ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN		REF 1		TTB23C SL2-FSAR TABLE311-1 T408 2C		REF 1		COMB. TEST & EXTRA- POL'N		H		NONE		REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)		REF 1		PTB23C SL2-FSAR TABLE311-1 P408 2C		REF 1		COMB. TEST & EXTRA- POL'N		H		NONE		MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE																SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C10-2B	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)		REF 1		HTB23C SL2-FSAR TABLE311-1 H408 2C		REF 1		COMB. TEST & EXTRA- POL'N		/		NONE		NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED																
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY		REF 1		CTB23S SL2-FSAR TABLE311-1 C408 2C		REF 1		NOT APPLIC ABLE		M		NONE		
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE		REF 1		RTB23C SL2-FSAR TABLE311-1 R408 2C		REF 1		COMB. TEST & EXTRA- POL'N		M		NONE		
SPECIFICATIONS:324																
P.O #:422589 CWD # : 0311/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS		REF 1		10CFR50 PARA 50.51		REF 1		COMB. TEST & EXTRA- POL'N		/		NONE		SAFETY FUNCTION: RPS ESF
PLANT LOC.: TB23																
COORDINATES X- 739.0 Y- 1393.0 Z- 45.0	SUBMERGED	NO AREA FLOODING		REF 1		STB23C SL2-FSAR TABLE311-1 S408 2C		REF 1		NOT APPLIC ABLE		M		NONE		AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES																
INSTAL. REF:FV0224	PARA-METER	SUPPL. REVIEW		FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #												QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1														
QUALIF RETEST *STATUS*	TEMPERATURE T	55.1														
	PRESSURE P	55.1														
	REL. HUMDTY H	55.1														
	CHEM. SPRAY C	55.1		REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982												
	RADIATION R	55.1														
PHYS DWG REF: 2998G-408 2C	AGING	55.1														REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	55.1														DATE :08/30/82
MOUNTING : NOT APPLICABLE																
EQ PACK # : 55.1	SAR ENV CAT: K															SYSTEM :MAIN STEAM
	0588 CATEG.: B															TAG :MV-08-1A PB
	APPENDIX E															

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1025

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : MV-08-1B	OPERABIL-ITY	40 YRS	40 YRS	SL2-FSAR	LIMITRQ RP	COMB.	/	NONE	ACCEL TIME:
		<500 CYCLS	2000 CYCLS	TABLE311-2	IT B0058 P.	TEST &			100 HRS
	NORM/TEST	UP TO 180	>200 DAYS	OPER.	16,131 APP	EXTRA-			
EQUIPMENT: VALVE OPERATORS	DBA	DY POSTDBA	POST DBA	REVIEW	ID REF1,2	POL'N			ACCEL TEMP:
TYPE									180C
	TEMPERAT-URE	108F NORM	140F NORM	TTB23D	LMTRQ REPT	COMB.	H	NONE	
COMPONENT: MOTOR OPERATED VALVES		FIG. C-1A	250F>24HR	SL2-FSAR	B0058 APP.	TEST &			REPLACEMENT:
		136F1200HR	FIG.1 OF	TABLE311-1	ID P.5	EXTRA-			NOT
		127FDESIGN	REPT.	T408 2C	REF 1,2	POL'N			APPLICABLE
MANUFACTURER: LIMITORQUE CORP									MAINTAIN.:
	PRESSURE	ATMOS.NORM	OPSIG NORM	PTB23D	LMTRQ REPT	COMB.	H	NONE	NOT
		FIG. C-1B	25 PSIG	SL2-FSAR	B0058 APP.	TEST &			APPLICABLE
MAJOR : ROCKWELL SUPPLIER		(ACC. DBA)	FIG. 1 OF	TABLE311-1	ID P.1	EXTRA-			SUBCOMPONENTS:
			REPT.	P408 2C	REF 1,2	POL'N			
									NOTE:LIMTQ.
MODEL AND: P SERIAL #	RELATIVE HUMIDITY	48.0% NORM	100%	HTB23D	LMTRQ REPT	COMB.	/	NONE	RPT B0058,PG.
		100%		SL2-FSAR	B0058 APP.	TEST &			15,21 STATES
		(ACC. DBA)		TABLE311-1	ID P.1	EXTRA-			QUAL IS NOT
FUNCT.DES: MSIV BYPASS & SERVICE				H408 2C	REF 1,2	POL'N			SEAL DEPENDENT.
									PARA 4.1.5
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23D SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	M	NONE	DEMONSTRATES SIGNIF. MARGIN WITH TWO ACCIDENT TRANS-IENTS
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	2.04E8 TOTAL INTEGRATED DOSE	RTB23D SL2-FSAR TABLE311-1 R408 2C	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 115									
P.O #:422528 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: TB23									ESF
COORDINATES X- 690.0 Y- 1383.0 Z- 46.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23D SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0227	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR	TEMPERATURE	T 3.1							
STATUS INTERIM OPERATION	PRESSURE	P 3.1							
	REL. HUMDTY	H 3.1							
	CHEM. SPRAY	C 3.1	REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA. REF 3. UNDER SUBCOMPONENTS						
	RADIATION	R 3.1							
PHYS DWG REF: 2998G-408 2C	AGING	3.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 3.1							DATE :08/30/82
MOUNTING : STMTRS SA									
EQ PACK # : 3.1	SAR ENV CAT: K								SYSTEM :MAIN STEAM
	0588 CATEG.: A								TAG :MV-08-1B
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1026

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : MV-08-1B PB	OPERABIL-ITY NORM/TEST DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE									ACCEL TEMP: REF 1
COMPONENT: LOCAL CONTROL STATION	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	REF 1	TTB23D SL2-FSAR TABLE311-1 T408 2C	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	REF 1	PTB23D SL2-FSAR TABLE311-1 P408 2C	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C10-2B	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	REF 1	HTB23D SL2-FSAR TABLE311-1 H408 2C	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CTB23D SL2-FSAR TABLE311-1 C408 2C	REF 1	NOT APPLIC ABLE	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	REF 1	RTB23D SL2-FSAR TABLE311-1 R408 2C	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS:324 P.O #:422589 CWD # : 0314/ PLANT LOC.: TB23	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
COORDINATES X- 685.0 Y- 1385.0 Z- 45.0	SUBMERGED	NO AREA FLOODING	REF 1	STB23D SL2-FSAR TABLE311-1 S408 2C	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: MRL
INSTALLED (Y/N): YES INSTAL. REF:FV0226 QUALIF EXEMPTN: NOT EXEMPT									

PARA-METER	SUPPL. REVIEW
OPERABILITY	55.1
TEMPERATURE T	55.1
PRESSURE P	55.1
REL. HUMDTY H	55.1
CHEM. SPRAY C	55.1
RADIATION R	55.1
AGING	55.1
SUBMERGENCE S	55.1

QUALIF RETEST *STATUS*
****
*

PHYS DWG REF: 2998G-408 2C
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 55.1

SAR ENV CAT: K
0588 CATEG.: B
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1

REVISION # :03
DATE :08/30/82

SYSTEM :MAIN STEAM
TAG :MV-08-1B PB

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1027

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : MV-08-12	OPERABILITY NORM/TEST DBA	40 YEARS <500 CYCLS TO 180 DYS POST DBA	40 YEARS 2000 CYCLS >200 DAYS POST DBA	SL2-FSAR TBL.3.11-2 OPERATION REVIEW	LIMTQ.RPT B0058 APP. E PG.2,9 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 180 C
COMPONENT: MOTOR OPERATED VALVE	TEMPERATURE	108F NORM FIG. C-1A 136F 1200HR 127F DESIGN	140F NORM (340F) POST DBA FIG.1 VENDOR RPT	TTB23B SL2-FSAR TABLE311-1 T408 2C	LIMTQ.RPT B0058 APP. E P.5 FIG1 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORPORATION	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	0 PSIG NRM >100 PSIG (DBA ACC.)	PTB23B SL2-FSAR TABLE311-1 P408 2C	LIMTQ.RPT B0058 APP. E PG.28 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : PACIFIC									SUBCOMPONENTS:
MODEL AND SERIAL # : LO-SMB-000 S/N 279050	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23B SL2-FSAR TABLE311-1 H408 2C	LIMTQ.RPT B0058 APP. E	COMB TEST EXTRA- POL'N	/	NONE	NOTE:LIMTQ. RPT B0058,PG. 15,21 STATES QUAL IS NOT SEAL DEPENDENT.
FUNCT.DES: & SERVICE AUX TURB. SPLY OPEN(M)									PARA 4.1.5
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23B SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	M	NONE	DEMONSTRATES SIGNIF. MARGIN WITH TWO ACCIDENT TRANS-IENTS
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 30 D 1 YR INTEG RATED DOSE	1.0E5 1.0E7 T.I.D.	RTB23B SL2-FSAR TABLE311-1 R408 2C	LIMTQ.RPT B0058 APP. E PG.2,7 REF.1,2	COMB TEST EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 111C									
P.O #:422563 CWD # : 0653/	AGE- INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS 2000 CYCLS	10CFR50 PARA 50.51	LIMTQ.RPT B0058 APP. E PG.2,9 REF.1,2	COMB TEST EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: TB23									
COORDINATES X- 690.0 Y- 1413.0 Z- 28.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23B SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0404	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
**********	TEMPERATURE T	3.1							
QUALIF QUALIFIED-FOR	PRESSURE P	3.1							
STATUS INTERIM OPERATION	REL. HUMDTY H	3.1							
********	CHEM. SPRAY C	3.1							
*	RADIATION R	3.1	REFERENCES: 1)QUAL TO IEEE-323-74,382-72, 101-74,117-74 2)FOR CONSERVATISM ASSUME VALVE MUST OPERATE UP TO 180 DAYS POST DBA.						
**********	AGING	3.1							
PHYS DWG REF: 2998G-408 2C	SUBMERGENCE S	3.1							REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : STM TRESL	SAR ENV CAT: K								SYSTEM :MAIN STEAM
EQ PACK # : 3.1	0588 CATEG.: A								TAG :MV-08-12
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1028

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	DEM. QUALIF. 2	DOCUMENTATION ACTUAL 3	DEM. QUALIF. 4	QUALIF. METHOD 5	H/M 6	OUTS ITEMS 7	
TAG NO : MV-08-12 PB	OPERABIL-ITY	40 YEARS + TEST + 180 DAYS POST	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE	NORM/TEST DBA	DBA							ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	REF 1	TTB23B SL2-FSAR TABLE311-1 T408 2C	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	REF 1	PTB23B SL2-FSAR TABLE311-1 P408 2C	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C10-2B	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	REF 1	HTB23B SL2-FSAR TABLE311-1 H408 2C	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. RE
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CTB23B SL2-FSAR TABLE311-1 C408 2C	REF 1	NOT APPLIC ABLE	M	NONE	MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR, 3.LOCAL CNTRL OF MOTORS &
ACCUR. SPEC: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	REF 1	RTB23B SL2-FSAR TABLE311-1 R408 2C	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MOV'S PRIMARILY FOR MAIN. & TEST.
ACCUR. DEM.: NOT APPLICABLE									
SPECIFICATIONS: 324									
P.O #:422589 CWD # : 0653/	AGE- INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: TB23									
COORDINATES X- 689.0 Y- 1413.0 Z- 25.0	SUBMERGED	NO AREA FLOODING	REF 1	STB23B SL2-FSAR TABLE311-1 S408 2C	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF: FV0164									
QUALIF EXEMPTN: NOT EXEMPT									

PARAMETER	SUPPL. REVIEW
OPERABILITY	55.1
TEMPERATURE T	55.1
PRESSURE P	55.1
REL. HUMDTY H	55.1
CHEM. SPRAY C	55.1
RADIATION R	55.1
AGING	55.1
SUBMERGENCE S	55.1
SAR ENV CAT: K	
0588 CATEG.: B	
APPENDIX E	

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1) VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK. VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT. 30, 1982

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 55.1

REVISION # : 03
DATE : 08/30/82

SYSTEM : MAIN STEAM
TAG : MV-08-12 PB

QUALIF RETEST
STATUS
****
*
****

PHYS DWG REF: 2998G-408 2C
PHYS DWG LOC:
MOUNTING : STM TRESL
EQ PACK # : 55.1

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1029

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : MV-08-13	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS <500 CYCLS TO 180 DYS POST DBA	40 YEARS 2000 CYCLS >200 DAYS POST DBA	SL2-FSAR TBL.3.11-2 OPERATION REVIEW	LIMTQ.RPT B0058 APP. E PG.2,9 REF.1,2	COMB TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 180 C
COMPONENT: MOTOR OPERATED VALVE	TEMPERAT-URE	108F NORM FIG. C-1A 136F 1200HR 127F DESIGN	140F NORM (340F) POST DBA FIG. 1 VENDOR RPT	TT823A SL2-FSAR TABLE311-1 T408 2C	LIMTQ.RPT B0058 APP. E P.5 FIG1 REF.1,2	COMB TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORPORATION	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	0 PSIG NRM >100 PSIG (DBA ACC.)	PT823A SL2-FSAR TABLE311-1 P408 2C	LIMTQ.RPT B0058 APP. E PG.28 REF.1,2	COMP TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : PACIFIC									SUBCOMPONENTS:
MODEL AND SERIAL # : LO-SMB-000 B/M-C10-28	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HT823A SL2-FSAR TABLE311-1 H408 2C	LIMTQ.RPT B0058 APP. E	COMB TEST & EXTRA- POL'N	/	NONE	NOTE:LIMTQ. RPT B0058,PG. 15,21 STATES QUAL IS NOT SEAL DEPENDENT.
FUNCT.DES: & SERVICE AUX TURB. SPLY OPEN(M)									PARA 4.1.5
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CT823A SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	M	NONE	DEMONSTRATES SIGNIF. MARGIN WITH TWO ACCIDENT TRANS-IENTS
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	1.0E7 T.I.D.	RT823A SL2-FSAR TABLE311-1 R408 2C	LIMTQ.RPT B0058 APP. E PG.2,7 REF.1,2	COMB TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 111C									
P.O #:422563 CWD # : 0652/	AGE- INST LIFE (PER 323- 1974 DEF.)	40 YEARS	40 YEARS 2000 CYCLS	10CFR50 PARA 50.51	LIMTQ.RPT B0058 APP. E PG.2,9 REF.1,2	COMB TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: TB23									ESF
COORDINATES X- 725.0 Y- 1416.0 Z- 28.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23A SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10

INSTALLED (Y/N): NO
INSTAL. REF: FV0405
QUALIF EXEMPTN: NOT APPLIC

****
QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION
****
*
****

PHYS DWG REF: 2998G-408 2C
PHYS DWG LOC:
MOUNTING : STM TRESL
EQ PACK # : 3.1

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.1
TEMPERATURE T	3.1
PRESSURE P	3.1
REL. HUMDTY H	3.1
CHEM. SPRAY C	3.1
RADIATION R	3.1
AGING	3.1
SUBMERGENCE S	3.1

SAR ENV CAT: K
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)QUAL TO IEEE-323-74,382-72, 101-74,117-74 2)FOR CONSERVATISM ASSUME VALVE MUST OPERATE UP TO 180 DAYS POST DBA.

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1

REVISION # :03
DATE :08/30/82

SYSTEM :MAIN STEAM
TAG :MV-08-13

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1030

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : MV-08-13 PB	OPERABIL-ITY NORM/TEST DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	REF 1	TTB23A SL2-FSAR TABLE311-1 T408 2C	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	REF 1	PTB23A SL2-FSAR TABLE311-1 P408 2C	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL #: B/M C10-2B	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	REF 1	HTB23A SL2-FSAR TABLE311-1 H408 2C	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. RE
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CTB23A SL2-FSAR TABLE311-1 C408 2C	REF 1	NOT APPLIC ABLE	M	NONE	MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	REF 1	RTB23A SL2-FSAR TABLE311-1 R408 2C	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 324									
P.O #: 422589 CWD # : 0652/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: TB23									
COORDINATES X- 727.0 Y- 1419.0 Z- 25.0	SUBMERGED	NO AREA FLOODING	REF 1	STB23A SL2-FSAR TABLE311-1 S408 2C	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): NO									
INSTAL. REF: FV0230	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #			QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 55.1			
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	55.1							
	PRESSURE P	55.1							
	REL. HUMDTY H	55.1							
	CHEM. SPRAY C	55.1	REFERENCES: 1) VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK. VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT. 30, 1982						
	RADIATION R	55.1							
PHYS DWG REF: 2998G-408 2C	AGING	55.1							REVISION # : 03
PHYS DWG LOC:	SUBMERGENCE S	55.1							DATE : 08/30/82
MOUNTING : STM TRESL									
EQ PACK # : 55.1	SAR ENV CAT: K								SYSTEM : MAIN STEAM
	0588 CATEG.: B								TAG : MV-08-13 PB
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: 890 MW(E) | CES#-1031

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	DEM. QUALIF. 2	DOCUMENTATION ACTUAL 3	DEM. QUALIF. 4	QUALIF. METHOD 5	H/M 6	OUTS ITEMS 7	
TAG NO : MV-08-14	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / <500 CYCLS / TO 180 DYS / POST DBA	40 YEARS / 2000 CYCLS / >200 DAYS / POST DBA	SL2-FSAR / TBL.3.11-2 / OPERATION / REVIEW	LIMTQ.RPT / B0058 APP. / E PG.2,9 / REF.1,2	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 180 C
COMPONENT: MOTOR OPERATED VALVE(DC)	TEMPERAT-URE	108F NORM / FIG. C-1A / 136F1200HR / 127FDESIGN	140F NORM / (340F)POST / DBA FIG.1 / VENDOR RPT	TTB23C / SL2-FSAR / TABLE311-1 / T408 2C	LIMTQ.RPT / B0058 APP. / E P.5 FIG1 / REF.1,2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORPORATION									MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : ANCHOR DARLING	PRESSURE	ATMOS.NORM / FIG. C-1B / (ACC. DBA)	0 PSIG NRM / >100 PSIG / (DBA ACC.)	PTB23C / SL2-FSAR / TABLE311-1 / P408 2C	LIMTQ.RPT / B0058 APP. / E PG.28 / REF.1,2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL # : LO-SMB-0-25	RELATIVE HUMIDITY	48.0% NORM / 100% / (ACC. DBA)	100%	HTB23C / SL2-FSAR / TABLE311-1 / H408 2C	LIMTQ.RPT / B0058 / APP. E	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NOTE:LIMTQ. RPT B0058,PG. 15,21 STATES QUAL IS NOT SEAL DEPENDENT.
FUNCT.DES: & SERVICE ADV BLOCK CLOSE(M)									PARA 4.1.5
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23S / SL2-FSAR / TABLE311-1 / C408 2C	NOT APPLICABLE	N/A	M	NONE	DEMONSTRATES SIGNIF. MARGIN WITH TWO ACCIDENT TRANS-IENTS
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR / A 30 D / D 1 YR / . 40YR/RW	1.0E5 / INTEG RATED DOSE	1.0E7 / T.I.D.	RTB23C / SL2-FSAR / TABLE311-1 / R408 2C	LIMTQ.RPT / B0058 APP. / E PG.2,7 / REF.1,2	COMB. / TEST & / EXTRA- / POL'N	M	NONE	
SPECIFICATIONS: 111A									
P.O #:422544 CWD # : 1622/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS / 2000 CYCLS	10CFR50 / PARA 50.51	LIMTQ.RPT / B0058 APP. / E PG.2,9 / REF.1,2	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: TB23									ESF
COORDINATES X- 721.0 Y- 1415.0 Z- 48.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23C / SL2-FSAR / TABLE311-1 / S408 2C	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): NO									
INSTAL. REF:FV0166	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
QUALIF EXEMPTN: NOT APPLICBL									
**********	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR	TEMPERATURE	T 3.1							
STATUS INTERIM OPERATION	PRESSURE	P 3.1							
********	REL. HUMDTY	H 3.1							
*	CHEM. SPRAY	C 3.1	REFERENCES: 1)QUAL TO IEEE-323-74,382-72, 101-74,117-74 2)FOR CONSERVATISM ASSUME VALVE MUST OPERATE UP TO 180 DAYS POST DBA.						3
**********	RADIATION	R 3.1							
PHYS DWG REF: 2998G-408 2C	AGING	3.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 3.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.1	SAR ENV CAT: K								SYSTEM :MAIN STEAM
	0588 CATEG.: A								TAG :MV-08-14
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1032

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM. QUALIF.	QUALIF. METHOD	H/MI	OUTS ITEMS	
TAG NO : MV-08-14 SEL SW	OPERABIL-ITY NORM/TEST DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	REF 1	TTB23C SL2-FSAR TABLE311-1 T408 2C	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	REF 1	PTB23C SL2-FSAR TABLE311-1 P408 2C	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C9-1E	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	REF 1	HTB23C SL2-FSAR TABLE311-1 H408 2C	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE TAG INDICATED									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CTB23S SL2-FSAR TABLE311-1 C408 2C	REF 1	NOT APPLIC ABLE	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	REF 1	RTB23C SL2-FSAR TABLE311-1 R408 2C	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS:324									
P.O #:422589 CWD # : 1622/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: TB23									
COORDINATES X- 711.0 Y- 1411.0 Z- 45.0	SUBMERGED	NO AREA FLOODING	REF 1	STB23C SL2-FSAR TABLE311-1 S408 2C	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF:FV04O6	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT									
**********	OPERABILITY	55.1							
QUALIF RETEST	TEMPERATURE T	55.1							
STATUS	PRESSURE P	55.1							
********	REL. HUMDTY H	55.1							
*	CHEM. SPRAY C	55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
**********	RADIATION R	55.1							
PHYS DWG REF: 2998G-408 2C	AGING	55.1							
PHYS DWG LOC:	SUBMERGENCE S	55.1							REVISION # :03
MOUNTING : NOT APPLICABLE									DATE :08/30/82
EQ PACK # : 55.1	SAR ENV CAT: K								SYSTEM :MAIN STEAM
	O588 CATEG.: B								TAG :MV-08-14 SEL SW
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1033

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : MV-08-14 STR	OPERABIL-ITY NORM/TEST DBA	<24 HRS	SEE REF 1	SEE REF 1	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	YES REF 1	ACCEL TIME: REF 1
EQUIPMENT: STARTERS TYPE									ACCEL TEMP: REF 1
COMPONENT: AC/DC LOCAL STARTERS	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	SEE REF 1	TTB23C SL2-FSAR TABLE311-1 T408 2C	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	YES REF 1	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC INC.	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	SEE REF 1	PTB23C SL2-FSAR TABLE311-1 P408 2C	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	YES REF 1	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT NOTE: FOR AREA OF DEVICE SEE FSAR FIG 10.4-14
MODEL AND SERIAL #: BY FIELD	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	SEE REF 1	HTB23C SL2-FSAR TABLE311-1 H408 2C	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	YES REF 1	
FUNCT.DES: & SERVICE CLASS 1E SAFETY CLASS. LCL STRS FOR MOV'S	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23S SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	M	NONE	REF-1 (CONT) BASED ON DATA ON PREVIOUS EQUIPT. AND APPENDIX E OF ENVIROMENTAL QUAL REPORT & GUIDEBOOK WE EXPECT FULL QUAL. BY FUEL LOAD
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	SEE REF 1	RTB23C SL2-FSAR TABLE311-1 R408 2C	SEE REF 1	COMB. TEST & EXTRA- POL'N	M	YES REF 1	
SPECIFICATIONS: 324									
P.O #:422589 CWD # : 1622/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF 1	SEE REF 1	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	YES REF 1	SAFETY FUNCTION: ESF
PLANT LOC.: TB23									
COORDINATES X- 710.0 Y- 1412.0 Z- 45.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23C SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: MRL
INSTALLED (Y/N): NO									
INSTAL. REF: FV0167	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 55.2
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.2							
**********	TEMPERATURE T	55.2							
QUALIF RETEST	PRESSURE P	55.2							
STATUS	REL. HUMDTY H	55.2							
********	CHEM. SPRAY C	55.2							
*	RADIATION R	55.2	REFERENCES: 1.PROCURED ON SAME PURCHASE ORDER AS LOCAL CONTROL STATIONS. (I.E. REF TO CES1061)WITH VENDOR COMMITMENT TO IEEE323-74 REPORT DUE 09/30/82						
**********	AGING	55.2							
PHYS DWG REF: 2998G-408 2C	SUBMERGENCE S	55.2							
PHYS DWG LOC:									REVISION # :02
MOUNTING : N/A	SAR ENV CAT: K								DATE :08/30/82
EQ PACK # : 55.2	0588 CATEG.: B								SYSTEM :MAIN STEAM
	APPENDIX E								TAG :MV-08-14 STR

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1034

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : MV-08-15	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS <500 CYCLS TO 180 DYS POST DBA	40 YEARS 2000 CYCLS >200 DAYS POST DBA	SL2-FSAR TBL.3.11-2 OPERATION REVIEW	LIMTQ.RPT B0058 APP. E PG.2,9 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 180 C
COMPONENT: MOTOR OPERATED VALVE(DC)	TEMPERAT-URE	108F NORM FIG. C-1A 136F 1200HR 127FDESIGN	140F NORM (340F)POST DBA FIG.1 VENDOR RPT	TTB23C SL2-FSAR TABLE311-1 T408 2C	LIMTQ.RPT B0058 APP. E P.5 FIG1 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORPORATION	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	0 PSIG NRM >100 PSIG (DBA ACC.)	PTB23C SL2-FSAR TABLE311-1 P408 2C	LIMTQ.RPT B0058 APP. E PG.28 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : ANCHOR/DARLING									SUBCOMPONENTS:
MODEL AND SERIAL # : LO-SMB-0-25	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23C SL2-FSAR TABLE311-1 H408 2C	LIMTQ.RPT B0058 APP. E	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE:LIMTQ. RPT B0058,PG. 15,21 STATES QUAL IS NOT SEAL DEPENDENT.
FUNCT.DES: & SERVICE : ADV BLOCK CLOSE(M) ATMOS DUMP VALVES									PARA 4.1.5
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23S SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	M	NONE	DEMONSTRATES SIGNIF. MARGIN WITH TWO
ACCUR. SPEC: NOT APPLICABLE									ACCIDENT TRANS-IENTS
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	1.0E5 INTEG RATED DOSE	1.0E7 T.I.D.	RTB23C SL2-FSAR TABLE311-1 R408 2C	LIMTQ.RPT B0058 APP. E PG.2,7 REF.1,2	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 111A									
P.O #:422544 CWD # : 1622/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS 2000 CYCLS	10CFR50 PARA 50.51	LIMTQ.RPT B0058 APP. E PG.2,9 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: TB23									ESF
COORDINATES X- 716.0 Y- 1413.0 Z- 48.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23C SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): NO									
INSTAL. REF: FV016	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE	T 3.1							
	PRESSURE	P 3.1							
	REL. HUMDTY	H 3.1							
	CHEM. SPRAY	C 3.1							
	RADIATION	R 3.1	REFERENCES: 1)QUAL TO IEEE-323-74,382-72, 101-74,117-74 2)FOR CONSERVATISM ASSUME VALVE MUST OPERATE UP TO 180 DAYS POST DBA.						
PHYS DWG REF: 2998G-408 2C	AGING	3.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 3.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.1	SAR ENV CAT: K								SYSTEM :MAIN STEAM
	0588 CATEG.: A								TAG :MV-08-15
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1035

EQUIPMENT DESCRIPTION		ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM.	ENV. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM.	DOC. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO :	MV-08-15 SEL SW	OPERABILITY NORM/TEST DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1		FSAR TABLE 3.11-2	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: TYPE	CONTROL DEVICES											ACCEL TEMP: REF 1
COMPONENT:	LOCAL CNTRL STATION	TEMPERATURE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	REF 1		TTB23C SL2-FSAR TABLE311-1 T408 2C	REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER:	BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	REF 1		PTB23C SL2-FSAR TABLE311-1 P408 2C	REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER :	NOT APPLICABLE											SUBCOMPONENTS:
MODEL AND SERIAL # :	B/M	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	REF 1		HTB23C SL2-FSAR TABLE311-1 H408 2C	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. RE
FUNCT.DES: & SERVICE	LCL CONTROL OF TAG INDICATED	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1		CTB23S SL2-FSAR TABLE311-1 C408 2C	REF 1		NOT APPLICABLE	M	NONE	MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS &
ACCUR. SPEC:	NOT APPLICABLE											
ACCUR. DEM.:	NOT APPLICABLE	R A D . 40YR/RW	2 HR 30 D 1 YR 1.0E5 INTEG RATED DOSE	REF 1		RTB23C SL2-FSAR TABLE311-1 R408 2C	REF 1		COMB. TEST & EXTRA- POL'N	M	NONE	MOV'S PRIMARILY FOR MAIN. & TEST.
SPECIFICATIONS:	324											
P.O #:	422589 CWD # : 1621/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1		10CFR50 PARA 50.51	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.:	TB23											
COORDINATES X-	713.0	SUBMERGED	NO AREA FLOODING	REF 1		STB23C SL2-FSAR TABLE311-1 S408 2C	REF 1		NOT APPLICABLE	M	NONE	
Y-	1404.0											
Z-	45.0											AUTH. REFERENCE: 3.112
INSTALLED (Y/N):	NO											
INSTAL. REF:	FV0407											
QUALIF EXEMPTN:	NOT EXEMPT											

PARAMETER	SUPPL. REVIEW
OPERABILITY	55.1
TEMPERATURE T	55.1
PRESSURE P	55.1
REL. HUMDTY H	55.1
CHEM. SPRAY C	55.1
RADIATION R	55.1
AGING	55.1
SUBMERGENCE S	55.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1

REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982

REVISION # :03
DATE :08/30/82

SYSTEM :MAIN STEAM
TAG :MV-08-15 SEL SW

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-408 2C
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 55.1

SAR ENV CAT: K
10588 CATEG.: B
APPENDIX E

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1036

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	1	DEM.	2	QUALIF.	DOCUMENTATION ACTUAL	3	DEM.	4	QUALIF.	QUALIF. METHOD	5	H/M	6	OUTS ITEMS	7	
TAG NO : MV-08-15 STR	OPERABIL-ITY	<24 HRS		SEE REF 1			SEE REF 1			SEE REF 1		COMB. TEST & EXTRA- POL'N		/		YES REF 1		ACCEL TIME: REF 1
EQUIPMENT: STARTERS TYPE	NORM/TEST DBA																	ACCEL TEMP: REF 1
COMPONENT: AC/DC LOCAL STARTERS	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN		SEE REF 1			TTB23C SL2-FSAR TABLE311-1 T408 2C			SEE REF 1		COMB. TEST & EXTRA- POL'N		H		YES REF 1		REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC INC.	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)		SEE REF 1			PTB23C SL2-FSAR TABLE311-1 P408 2C			SEE REF 1		COMB. TEST & EXTRA- POL'N		H		YES REF 1		MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE																		SUBCOMPONENTS:
MODEL AND SERIAL # : BY FIELD	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)		SEE REF 1			HTB23C SL2-FSAR TABLE311-1 H408 2C			SEE REF 1		COMB. TEST & EXTRA- POL'N		/		YES REF 1		NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CLASS 1E SAFETY CLASS. LCL STRS FOR MOV'S	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY		NOT APPLICABLE			CTB23S SL2-FSAR TABLE311-1 C408 2C			NOT APPLICABLE		N/A		M		YES REF 1		NOTE: FOR AREA OF DEVICE SEE FSAR FIG 10.4-14 REF-1 (CONT)
ACCUR. SPEC: NOT APPLICABLE																		BASED ON DATA ON PREVIOUS EQUIPT.
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	1.0E5 INTEG RATED DOSE	SEE REF 1			RTB23C SL2-FSAR TABLE311-1 R408 2C			SEE REF 1		COMB. TEST & EXTRA- POL'N		M		YES REF 1		AND APPENDIX E OF ENVIROMENTAL QUAL REPORT & GUIDEBOOK WE EXPECT FULL QUAL. BY FUEL LOAD
SPECIFICATIONS: 324																		
P.O #: 422589 CWD # : 1621/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS		SEE REF 1			SEE REF 1			SEE REF 1		COMB. TEST & EXTRA- POL'N		/		YES REF 1		SAFETY FUNCTION: ESF
PLANT LOC.: TB23																		
COORDINATES X- 712.0 Y- 1406.0 Z- 45.0	SUBMERGED	NO AREA FLOODING		NOT APPLICABLE			STB23C SL2-FSAR TABLE311-1 S408 2C			NOT APPLICABLE		N/A		M		YES REF 1		AUTH. REFERENCE: MRL
INSTALLED (Y/N): NO																		
INSTAL. REF: FV0408	PARA-METER	SUPPL. REVIEW		FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #														QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 55.2
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.2																
QUALIF RETEST *STATUS*	TEMPERATURE	T 55.2																
	PRESSURE	P 55.2																
	REL. HUMDTY	H 55.2																
	CHEM. SPRAY	C 55.2		REFERENCES: 1.PROCURED ON SAME PURCHASE OR DER AS LOCAL CONTROL STATIONS. (I.E. REF TO CES1061)WITH VENDOR COMMITMENT TO IEEE323-74 REPORT DUE 09/30/82														
	RADIATION	R 55.2																
	AGING	55.2																
	SUBMERGENCE	S 55.2																
PHYS DWG REF: 2998G-408 2C																		
PHYS DWG LOC:	SAR ENV CAT: K																	
MOUNTING : NOT APPLICABLE	0588 CATEG.: B																	REVISION # :03 DATE :08/30/82
EQ PACK # : 55.2	APPENDIX E																	SYSTEM :MAIN STEAM TAG :MV-08-15 STR

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1037

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : MV-08-16	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / <500 CYCLS TO 180 DYS POST DBA	40 YEARS /2000 CYCLS />200 DAYS /POST DBA	SL2-FSAR TBL.3.11-2 OPERATION REVIEW	LIMTQ.RPT /B0058 APP. /E PG.2,9 /REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 180 C
COMPONENT: MOTOR OPERATED VALVE(DC)	TEMPERAT-URE	108F NORM /FIG. C-1A /136F1200HR /127FDESIGN	140F NORM /(340F)POST /DBA FIG.1 /VENDOR RPT	TTB23D SL2-FSAR TABLE311-1 T408 2C	LIMTQ.RPT /B0058 APP. /E P.5 FIG1 /REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORPORATION									MAINTAIN.:
	PRESSURE	ATMOS.NORM /FIG. C-1B /(ACC. DBA)	0 PSIG NRM />100 PSIG /(DBA ACC.)	PTB23D SL2-FSAR TABLE311-1 P408 2C	LIMTQ.RPT /B0058 APP. /E PG.28 /REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	NOT APPLICABLE
MAJOR SUPPLIER : ANCHOR DARLING									SUBCOMPONENTS:
MODEL AND SERIAL # : DK56H/MJ20554	RELATIVE HUMIDITY	48.0% NORM /100% /(ACC. DBA)	100%	HTB23D SL2-FSAR TABLE311-1 H408 2C	LIMTQ.RPT /B0058 /APP. E	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE:LIMTQ. RPT B0058,PG. 15,21 STATES QUAL IS NOT SEAL DEPENDENT.
FUNCT.DES: & SERVICE ADV BLOCK CLOSE(M)									PARA 4.1.5
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23D SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	M	NONE	DEMONSTRATES SIGNIF. MARGIN WITH TWO ACCIDENT TRANS-IENTS
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR / A 30 DI / D 1 YR / . 40YR/RW	1.0E5 /INTEG RATED /DOSE	1.0E7 / T.I.D.	RTB23D SL2-FSAR TABLE311-1 R408 2C	LIMTQ.RPT /B0058 APP. /E PG.2,7 /REF.1,2	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 111A									
P.O #:422544 CWD # : 1622/	AGE-INST LIFE /(PER 323-1974 DEF.)	40 YEARS	40 YEARS /2000 CYCLS	10CFR50 PARA 50.51	LIMTQ.RPT /B0058 APP. /E PG.2,9 /REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: TB23									
COORDINATES X- 690.0 Y- 1408.0 Z- 48.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23D SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF:FV0239	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #			QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1			
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE T	3.1							
	PRESSURE P	3.1							
	REL. HUMDTY H	3.1							
	CHEM. SPRAY C	3.1		REFERENCES: 1)QUAL TO IEEE-323-74,382-72, 101-74,117-74 2)FOR CONSERVATISM ASSUME VALVE MUST OPERATE UP TO 180 DAYS POST DBA.					
	RADIATION R	3.1							
PHYS DWG REF: 2998G-408 2C	AGING	3.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	3.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.1	SAR ENV CAT: K								SYSTEM :MAIN STEAM
	0588 CATEG.: A								TAG :MV-08-16
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1038

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : MV-08-16 SEL SW	OPERABIL-ITY NORM/TEST DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	108F NORM FIG. C-1A 136F 1200HR 127F DESIGN	REF 1	TTB23D SL2-FSAR TABLE311-1 T408 2C	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	REF 1	PTB23D SL2-FSAR TABLE311-1 P408 2C	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C9-1E	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	REF 1	HTB23D SL2-FSAR TABLE311-1 H408 2C	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE: LCL CONTROL OF TAG INDICATED									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CTB23D SL2-FSAR TABLE311-1 C408 2C	REF 1	NOT APPLIC ABLE	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	REF 1	RTB23D SL2-FSAR TABLE311-1 R408 2C	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 324									
P.O #: 422589 CWD # : 1624/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: TB23									
COORDINATES X- 680.0 Y- 1413.0 Z- 45.0	SUBMERGED	NO AREA FLOODING	REF 1	STB23D SL2-FSAR TABLE311-1 S408 2C	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF: FV0238	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1							
**********	TEMPERATURE	T 55.1							
QUALIF RETEST	PRESSURE	P 55.1							
STATUS	REL. HUMDTY	H 55.1							
********	CHEM. SPRAY	C 55.1							
*	RADIATION	R 55.1	REFERENCES: 1) VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK. VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT. 30, 1982						
**********	AGING	55.1							
PHYS DWG REF: 2998G-408 2C	SUBMERGENCE	S 55.1							REVISION # : 03
PHYS DWG LOC:									DATE : 08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 55.1	SAR ENV CAT: K								SYSTEM : MAIN STEAM
	0588 CATEG.: B								TAG : MV-08-16 SEL SW
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1039

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : MV-08-17	OPERABIL-ITY NORM/TEST	40 YEARS <500 CYCLS TO 180 DYS	40 YEARS 2000 CYCLS >200 DAYS	SL2-FSAR TBL.3.11-2 OPERATION	LIMTQ.RPT B0058 APP. E PG.2,9	COMB. TEST & EXTRA-	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	DBA	POST DBA	POST DBA	REVIEW	REF.1,2	POL'N			ACCEL TEMP: 180 C
COMPONENT: MOTOR OPERATED VALVE(DC)	TEMPERAT-URE	108F NORM FIG. C-1A 136F 1200HR 127F DESIGN	140F NORM (340F) POST DBA FIG.1 VENDOR RPT	TTB23D SL2-FSAR T408 2C	LIMTQ.RPT B0058 APP. E P.5 FIG1 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORPORATION									MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : ANCHOR DARLING	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	0 PSIG NRM >100 PSIG (DBA ACC.)	PTB23D SL2-FSAR TABLE311-1 P408 2C	LIMTQ.RPT B0058 APP. E PG.28 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: DK56H/NJ20553	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23D SL2-FSAR TABLE311-1 H408 2C	LIMTQ.RPT B0058 APP. E	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE:LIMTQ. RPT B0058,PG. 15,21 STATES QUAL IS NOT SEAL DEPENDENT.
FUNCT.DES: & SERVICE ADV BLOCK CLOSE(M)									PARA 4.1.5
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23D SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	M	NONE	DEMONSTRATES SIGNIF. MARGIN WITH TWO ACCIDENT TRANS-IENTS
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	1.0E7 T.I.D.	RTB23D SL2-FSAR TABLE311-1 R408 2C	LIMTQ.RPT B0058 APP. E PG.2,7 REF.1,2	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 111A									
P.O #:422544 CWD # : 1622/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS 2000 CYCLS	10CFR50 PARA 50.51	LIMTQ.RPT B0058 APP. E PG.2,9 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: TB23									
COORDINATES X- 694.0 Y- 1408.0 Z- 48.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23D SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0241	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE T	3.1							
	PRESSURE P	3.1							
	REL. HUMDTY H	3.1							
	CHEM. SPRAY C	3.1							
	RADIATION R	3.1	REFERENCES: 1)QUAL TO IEEE-323-74,382-72, 101-74,117-74 2)FOR CONSERVATISM ASSUME VALVE MUST OPERATE UP TO 180 DAYS POST DBA.						
	AGING	3.1							
PHYS DWG REF: 2998G-408 2C	SUBMERGENCE S	3.1							REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : NOT APPLICABLE	SAR ENV CAT: K								SYSTEM :MAIN STEAM
EQ PACK # : 3.1	0588 CATEG.: A								TAG :MV-08-17
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1040

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : MV-08-17 SEL SW	OPERABIL-ITY NORM/TEST DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	REF 1	TTB23D SL2-FSAR TABLE311-1 T408 2C	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	REF 1	PTB23D SL2-FSAR TABLE311-1 P408 2C	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C10-1E	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	REF 1	HTB23D SL2-FSAR TABLE311-1 H408 2C	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. RE
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CTB23D SL2-FSAR TABLE311-1 C408 2C	REF 1	NOT APPLICABLE	M	NONE	MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS &
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	REF 1	RTB23D SL2-FSAR TABLE311-1 R408 2C	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MOV'S PRIMARILY FOR MAIN. & TEST. 3
SPECIFICATIONS:324									
P.O #:422589 CWD # : 1623/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: TB23									
COORDINATES X- 686.0 Y- 1413.0 Z- 45.0	SUBMERGED	NO AREA FLOODING	REF 1	STB23D SL2-FSAR TABLE311-1 S408 2C	REF 1	NOT APPLICABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF:FV0169	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	55.1							
	PRESSURE P	55.1							
	REL. HUMDTY H	55.1							
	CHEM. SPRAY C	55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
	RADIATION R	55.1							
	AGING	55.1							REVISION # :03 DATE :08/30/82
PHYS DWG REF: 2998G-408 2C	SUBMERGENCE S	55.1							
PHYS DWG LOC:									SYSTEM :MAIN STEAM
MOUNTING : NOT APPLICABLE	SAR ENV CAT: K								TAG :MV-08-17 SEL SW
EQ PACK # : 55.1	0588 CATEG.: B								
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1041

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : MV-08-18A	OPERABIL-ITY NORM/TEST DBA	40 YEARS <500 CYCLS TO 180 DYS POST DBA	40 YEARS 2000 CYCLS >200 DAYS POST DBA	SL2-FSAR TBL.3.11-2 OPERATION REVIEW	LIMTQ.RPT B0058 APP. E PG.2,9 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	140F NORM (340F)POST DBA FIG.1 VENDOR RPT	TTB23C SL2-FSAR TABLE311-1 T408 2C	LIMTQ.RPT B0058 APP. E P.5 FIG1 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	ACCEL TEMP: 180 C
COMPONENT: MOTOR OPERATED VALVE									REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORPORATION	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	0 PSIG NRM >100 PSIG (DBA ACC.)	PTB23C SL2-FSAR TABLE311-1 P408 2C	LIMTQ.RPT B0058 APP. E PG.28 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : CCI									SUBCOMPONENTS:
MODEL AND SERIAL # : LO-SMB-0-15/ 339982	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23C SL2-FSAR TABLE311-1 H408 2C	LIMTQ.RPT B0058 APP. E	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE:LIMTQ. RPT B0058,PG. 15,21 STATES QUAL IS NOT SEAL DEPENDENT. PARA 4.1.5
FUNCT.DES: & SERVICE ADV OPEN(M)									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23S SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	M	NONE	DEMONSTRATES SIGNIF. MARGIN WITH TWO ACCIDENT TRANS-IENTS
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 30 D 1 YR 1.0E5 INTEG RATED DOSE	1.0E7 T.I.D.	RTB23C SL2-FSAR TABLE311-1 R408 2C	LIMTQ.RPT B0058 APP. E PG.2,7 REF.1,2	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 110 C									
P.O #:422711 CWD # : 1626/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS 2000 CYCLS	10CFR50 PARA 50.51	LIMTQ.RPT B0058 APP. E PG.2,9 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: TB23									ESF
COORDINATES X- 724.0 Y- 1416.0 Z- 48.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23C SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0242	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE T	3.1							
	PRESSURE P	3.1							
	REL. HUMDTY H	3.1							
	CHEM. SPRAY C	3.1	REFERENCES: 1)QUAL TO IEEE-323-74,382-72, 101-74,117-74 2)FOR CONSERVATISM ASSUME VALVE MUST OPERATE UP TO 180 DAYS POST DBA.						3
	RADIATION R	3.1							
PHYS DWG REF: 2998G-408 2C	AGING	3.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	3.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.1	SAR ENV CAT: K								SYSTEM :MAIN STEAM
	0588 CATEG.: A								TAG :MV-08-18A
	APPENDIX E								

A/E: EBASCO SERVICES INC.
UTILITY: FLORIDA POWER & LIGHT

FACILITY: ST. LUCIE NO. 2
COMPONENT EVALUATION SHEET

NSSS: COMBUSTION ENG. - PWR
CAPACITY: 890 MW(E)

REV#- 3
CES#-1042

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : MV-08-18B	OPERABIL-ITY	40 YEARS <500 CYCLS	40 YEARS 2000 CYCLS	SL2-FSAR TBL.3.11-2	LIMTQ.RPT B0058 APP.	COMB. TEST &	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA	TO 180 DYS POST DBA	>200 DAYS POST DBA	OPERATION REVIEW	E PG.2,9 REF.1,2	EXTRA- POL'N			ACCEL TEMP: 180 C
COMPONENT: MOTOR OPERATED VALVE	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	140F NORM (340F)POST DBA FIG.1 VENDOR RPT	TTB23D SL2-FSAR TABLE311-1 T408 2C	LIMTQ.RPT B0058 APP. E P.5 FIG1 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORPORATION	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	0 PSIG NRM >100 PSIG (DBA ACC.)	PTB23D SL2-FSAR TABLE311-1 P408 2C	LIMTQ.RPT B0058 APP. E PG.28 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : CCI									SUBCOMPONENTS:
MODEL AND SERIAL #: LO-SMB-0-15/ 3399-79	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23D SL2-FSAR TABLE311-1 H408 2C	LIMTQ.RPT B0058 APP. E	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE:LIMTQ. RPT B0058,PG. 15,21 STATES QUAL IS NOT SEAL DEPENDENT.
FUNCT.DES: & SERVICE ADV OPEN(M)									PARA 4.1.5
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23D SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	M	NONE	DEMONSTRATES SIGNIF. MARGIN WITH TWO ACCIDENT TRANS-IENTS
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	1.0E7 T.I.D.	RTB23D SL2-FSAR TABLE311-1 R408 2C	LIMTQ.RPT B0058 APP. E PG.2,7 REF.1,2	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 110C									
P.O #:422711 CWD # : 1628/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS 2000 CYCLS	10CFR50 PARA 50.51	LIMTQ.RPT B0058 APP. E PG.2,9 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: TB23									ESF
COORDINATES X- 685.0 Y- 1408.0 Z- 48.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23D SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES INSTAL. REF: FV0243 QUALIF EXEMPTN: NOT APPLIC	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
**********	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR	TEMPERATURE T	3.1							
STATUS INTERIM OPERATION	PRESSURE P	3.1							
********	REL. HUMDTY H	3.1							
*	CHEM. SPRAY C	3.1							
**********	RADIATION R	3.1							
PHYS DWG REF: 2998G-408 2C	AGING	3.1							
PHYS DWG LOC:	SUBMERGENCE S	3.1							
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.1	SAR ENV CAT: K								
	0588 CATEG.: A								
	APPENDIX E		REFERENCES: 1)QUAL TO IEEE-323-74,382-72, 101-74,117-74 2)FOR CONSERVATISM ASSUME VALVE MUST OPERATE UP TO 180 DAYS POST DBA.						REVISION # :03 DATE :08/30/82
									SYSTEM :MAIN STEAM TAG :MV-08-18B

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1043

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : MV-08-19A	OPERABILITY NORM/TEST DBA	40 YEARS <500 CYCLS TO 180 DYS POST DBA	40 YEARS 2000 CYCLS >200 DAYS POST DBA	SL2-FSAR TBL.3.11-2 OPERATION REVIEW	LIMTQ.RPT B0058 APP. E PG.2,9 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 180 C
COMPONENT: MOTOR OPERATED VALVE	TEMPERATURE	108F NORM FIG. C-1A 136F 1200HR 127F DESIGN	140F NORM (340F) POST DBA FIG.1 VENDOR RPT	TTB23C SL2-FSAR TABLE311-1 T408 2C	LIMTQ.RPT B0058 APP. E P.5 FIG1 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORPORATION	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	10 PSIG NRM >100 PSIG (DBA ACC.)	PTB23C SL2-FSAR TABLE311-1 P408 2C	LIMTQ.RPT B0058 APP. E P.5 FIG1 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : CCI									SUBCOMPONENTS:
MODEL AND SERIAL # : LO-SMB-0-15/ 33998	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23C SL2-FSAR TABLE311-1 H408 2C	LIMTQ.RPT B0058 APP. E	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE:LIMTQ. RPT B0058,PG. 15,21 STATES QUAL IS NOT SEAL DEPENDENT.
FUNCT.DES: & SERVICE : ADV OPEN(M)									PARA 4.1.5
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23S SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	M	NONE	DEMONSTRATES SIGNIF. MARGIN WITH TWO ACCIDENT TRANS-
ACCUR. SPEC: NOT APPLICABLE									IENTS
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	1.0E7 T.I.D.	RTB23C SL2-FSAR TABLE311-1 R408 2C	LIMTQ.RPT B0058 APP. E PG.2,7 REF.1,2	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 110 C									
P.O #:422711 CWD # : 1625/	AGE- INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS 2000 CYCLS	10CFR50 PARA 50.51	LIMTQ.RPT B0058 APP. E PG.2,9 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: TB23									ESF
COORDINATES X- 713.0 Y- 1412.0 Z- 48.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23C SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0245	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE T	3.1							
	PRESSURE P	3.1							
	REL. HUMDTY H	3.1							
	CHEM. SPRAY C	3.1							
	RADIATION R	3.1	REFERENCES: 1)QUAL TO IEEE-323-74,382-72, 101-74,117-74 2)FOR CONSERVATISM ASSUME VALVE MUST OPERATE UP TO 180 DAYS POST DBA.						
PHYS DWG REF: 2998G-408 2C	AGING	3.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	3.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.1	SAR ENV CAT: K								SYSTEM :MAIN STEAM
	0588 CATEG.: A								TAG :MV-08-19A
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1044

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : MV-08-19A STR	OPERABIL-ITY NORM/TEST DBA	<24 HRS	SEE REF 1	SEE REF 1	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	YES REF 1	ACCEL TIME: REF 1
EQUIPMENT: STARTERS TYPE									ACCEL TEMP: REF 1
COMPONENT: AC/DC LOCAL STARTERS	TEMPERAT-URE	108F NORM FIG. C-1A 136F 1200HR 127F DESIGN	SEE REF 1	TTB23C SL2-FSAR TABLE311-1 T408 2C	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	YES REF 1	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC INC.	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	SEE REF 1	PTB23C SL2-FSAR TABLE311-1 P408 2C	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	YES REF 1	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL #: BY FIELD B/M C3-5	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	SEE REF 1	HTB23C SL2-FSAR TABLE311-1 H408 2C	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	YES REF 1	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE: CLASS 1E SAFETY CLASS. LCL STRS FOR MOV'S	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23S SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	M	YES REF 1	NOTE: FOR AREA OF DEVICE SEE FSAR FIG 10.4-14
ACCUR. SPEC: NOT APPLICABLE									REF-1 (CONT) BASED ON DATA ON PREVIOUS EQUIPT.
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	SEE REF 1	RTB23C SL2-FSAR TABLE311-1 R408 2C	SEE REF 1	COMB. TEST & EXTRA- POL'N	M	YES REF 1	AND APPENDIX E OF ENVIROMENTAL QUAL REPORT & GUIDEBOOK WE EXPECT FULL
SPECIFICATIONS: 324									QUAL. BY FUEL LOAD
P.O #: 422589 CWD # : 1625/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF 1	SEE REF 1	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	YES REF 1	SAFETY FUNCTION: ESF
PLANT LOC.: TB23									
COORDINATES X- 712.0 Y- 1407.0 Z- 45.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23C SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	N/A	M	YES REF 1	AUTH. REFERENCE: MRL
INSTALLED (Y/N): YES									
INSTAL. REF: FV0415									
QUALIF EXEMPTN: NOT EXEMPT									

PARAMETER	SUPPL. REVIEW
OPERABILITY	55.2
TEMPERATURE T	55.2
PRESSURE P	55.2
REL. HUMDTY H	55.2
CHEM. SPRAY C	55.2
RADIATION R	55.2
AGING	55.2
SUBMERGENCE S	55.2

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-408 2C
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 55.2

SAR ENV CAT: K
10588 CATEG.: B
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1. PROCURED ON SAME PURCHASE ORDER AS LOCAL CONTROL STATIONS. (I.E. REF TO CES1061) WITH VENDOR COMMITMENT TO IEEE323-74 REPORT DUE 09/30/82

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 55.2

REVISION # : 03
DATE : 08/30/82

SYSTEM : MAIN STEAM
TAG : MV-08-19A STR

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1045

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : MV-08-19B	OPERABIL-ITY	40 YEARS <500 CYCLS TO 180 DYS POST DBA	40 YEARS 2000 CYCLS >200 DAYS POST DBA	SL2-FSAR TBL.3.11-2 OPERATION REVIEW	LIMTQ.RPT B0058 APP. E PG.2,9 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA								ACCEL TEMP: 180 C
COMPONENT: MOTOR OPERATED VALVE	TEMPERAT-URE	108F NORM FIG. C-1A 136F 1200HR 127F DESIGN	140F NORM (340F) POST DBA FIG.1 VENDOR RPT	TTB23D SL2-FSAR TABLE311-1 T408 2C	LIMTQ.RPT B0058 APP. E P.5 FIG1 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORPORATION	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	0 PSIG NRM >100 PSIG (DBA ACC.)	PTB23D SL2-FSAR TABLE311-1 P408 2C	LIMTQ.RPT B0058 APP. E PG.28 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : CCI									SUBCOMPONENTS:
MODEL AND SERIAL # : LO-SMB-0-15/ 255-89-1-4	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23D SL2-FSAR TABLE311-1 H408 2C	LIMTQ.RPT B0058 APP. E	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE:LIMTQ. RPT B0058,PG. 15,21 STATES QUAL IS NOT SEAL DEPENDENT.
FUNCT.DES: & SERVICE ADV OPEN(M)									PARA 4.1.5
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23D SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	M	NONE	DEMONSTRATES SIGNIF. MARGIN WITH TWO
ACCUR. SPEC: NOT APPLICABLE									ACCIDENT TRANS-IENTS
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 30 D 1 YR INTEG RATED DOSE	1.0E5 1.0E7 T.I.D.	RTB23D SL2-FSAR TABLE311-1 R408 2C	LIMTQ.RPT B0058 APP. E PG.2,7 REF.1,2	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 110 C									
P.O #:422711 CWD # : 1627/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS 2000 CYCLS	10CFR50 PARA 50.51	LIMTQ.RPT B0058 APP. E PG.2,9 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: TB23									ESF
COORDINATES X- 698.0 Y- 1408.0 Z- 48.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23D SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0247	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE	T 3.1							
	PRESSURE	P 3.1							
	REL. HUMDTY	H 3.1							
	CHEM. SPRAY	C 3.1	REFERENCES: 1)QUAL TO IEEE-323-74,382-72, 101-74,117-74 2)FOR CONSERVATISM ASSUME VALVE MUST OPERATE UP TO 180 DAYS POST DBA.						
	RADIATION	R 3.1							
PHYS DWG REF: 2998G-408 2C	AGING	3.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 3.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									SYSTEM :MAIN STEAM
EQ PACK # : 3.1	SAR ENV CAT: K								TAG :MV-08-19B
	0588 CATEG.: A								
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1046

EQUIPMENT DESCRIPTION		ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. (2)	QUALIF.	DOCUMENTATION ACTUAL (3)	DEM. (4)	QUALIF.	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO :	MV-08-19B STR	OPERABIL-ITY	<24 HRS	SEE REF 1		SEE REF 1	SEE REF 1		COMB. TEST & EXTRA-POL'N	/	YES REF 1	ACCEL TIME: REF 1
EQUIPMENT: TYPE	STARTERS	NORM/TEST DBA										ACCEL TEMP: REF 1
COMPONENT:	AC/DC LOCAL STARTERS	TEMPERATURE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	SEE REF 1		TTB23D SL2-FSAR TABLE311-1 T408 2C	SEE REF 1		COMB. TEST & EXTRA-POL'N	H	YES REF 1	REPLACEMENT: REF 1
MANUFACTURER:	BROWN-BOVERI ELECTRIC INC.	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	SEE REF 1		PTB23D SL2-FSAR TABLE311-1 P408 2C	SEE REF 1		COMB. TEST & EXTRA-POL'N	H	YES REF 1	MAINTAIN.: REF 1
MAJOR SUPPLIER :	NOT APPLICABLE											SUBCOMPONENTS:
MODEL AND SERIAL #	BY FIELD	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	SEE REF 1		HTB23D SL2-FSAR TABLE311-1 H408 2C	SEE REF 1		COMB. TEST & EXTRA-POL'N	/	YES REF 1	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT NOTE: FOR AREA OF DEVICE SEE FSAR
FUNCT.DES: & SERVICE	CLASS 1E SAFETY CLASS. LCL STRS FOR MOV'S	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE		CTB23D SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE		N/A	M	YES REF 1	FIG 10.4-14 REF-1 (CONT) BASED ON DATA ON PREVIOUS EQUIPT.
ACCUR. SPEC:	NOT APPLICABLE											
ACCUR. DEM.:	NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	1.0E5 INTEG RATED DOSE	SEE REF 1	RTB23D SL2-FSAR TABLE311-1 R408 2C	SEE REF 1		COMB. TEST & EXTRA-POL'N	M	YES REF 1	AND APPENDIX E OF ENVIROMENTAL QUAL REPORT & GUIDEBOOK WE EXPECT FULL QUAL. BY FUEL LOAD
SPECIFICATIONS:	324											
P.O #:	422589 CWD # : 1627/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF 1		SEE REF 1	SEE REF 1		COMB. TEST & EXTRA-POL'N	/	YES REF 1	SAFETY FUNCTION: ESF
PLANT LOC.:	TB23											
COORDINATES	X- 674.0 0 Y- 1387.00 Z- 45.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE		STB23D SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE		N/A	M	YES REF 1	AUTH. REFERENCE: MRL
INSTALLED (Y/N):	YES											
INSTAL. REF:	FV0170											
QUALIF EXEMPTN:	NOT EXEMPT											

PARAMETER	SUPPL. REVIEW
OPERABILITY	55.2
TEMPERATURE T	55.2
PRESSURE P	55.2
REL. HUMDTY H	55.2
CHEM. SPRAY C	55.2
RADIATION R	55.2
AGING	55.2
SUBMERGENCE S	55.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.PROCURED ON SAME PURCHASE ORDER AS LOCAL CONTROL STATIONS. (I.E. REF TO CES1061)WITH VENDOR COMMITMENT TO IEEE323-74 REPORT DUE 09/30/82

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.2

REVISION # :03
DATE :08/30/82

SYSTEM :MAIN STEAM
TAG :MV-08-19B STR

QUALIF RETEST
STATUS

PHYS DWG REF: 2998G-408 2C
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 55.2

SAR ENV CAT: K
10588 CATEG.: B
APPENDIX E

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1047

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : MV-08-3	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS <500 CYCLS TO 180 DYS POST DBA	40 YEARS 2000 CYCLS >200 DAYS POST DBA	SL2-FSAR TBL.3.11-2 OPERATION REVIEW	LIMTQ.RPT B0058 APP. E PG.2,9 REF.1,2	COMB TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 180 C
COMPONENT: MOTOR OPERATED VALVE	TEMPERAT-URE	108F NORM FIG C-1 136F1200HR 127FDESIGN	140F NORM (340F)POST DBA FIG.1 VENDOR RPT	TTBD23D SL2-FSAR TABLE311-1 T408 2C	LIMTQ.RPT B0058 APP. E P.5 FIG1 REF.1,2	COMB TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORPORATION									MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : GIMBEL MACHINE	PRESSURE	ATMOS NORM FIG C-1 (ACC. DBA)	0 PSIG NRM >100 PSIG (DBA ACC.)	PTB23D SL2-FSAR TABLE311-1 P408 2C	LIMTQ.RPT B0058 APP. E PG.28 REF.1,2	COMB TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: LO-SMB-000 SERIAL #	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23D SL2-FSAR TABLE311-1 H408 2C	LIMTQ.RPT B0058 APP. E	COMB TEST EXTRA- POL'N	/	NONE	NOTE:LIMTQ. RPT B0058,PG. 15,21 STATES QUAL IS NOT SEAL DEPENDENT.
FUNCT.DES: AUX TURB. STOP & SERVICE OPEN(M)									PARA 4.1.5
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	NOT APPLICABLE	NOT APPLICABLE	CTB23D SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	/	NONE	DEMONSTRATES SIGNIF. MARGIN WITH TWO ACCIDENT TRANS-IENTS
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 30 D 1 YR	1.0E5 INTEG RATE DOSE	1.0E7 T.I.D.	RTB23D SL2-FSAR TABLE311-1 R408 2C	LIMTQ.RPT B0058 APP. E PG.2,7 REF.1,2	COMB TEST EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 127									
P.O #:422565 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS 2000 CYCLS	10CFR50 PARA 50.51	LIMTQ.RPT B0058 APP. E PG.2,9 REF.1,2	COMB TEST EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: TB23									
COORDINATES X- Y- Z-	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	N/A	/	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): NO									

INSTAL. REF:FV0417
QUALIF EXEMPTN: NOT APPLICBL

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.1
TEMPERATURE	3.1
PRESSURE	3.1
REL. HUMDTY	3.1
CHEM. SPRAY	3.1
RADIATION	3.1
AGING	3.1
SUBMERGENCE	3.1

SAR ENV CAT: K
0588 CATEG.: A
APPENDIX E

QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION

PHYS DWG REF: 2998-B-328
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)QUAL TO IEEE-323-74,382-72, 101-74,117-74 2)FOR CONSERVATISM ASSUME VALVE MUST OPERATE UP TO 180 DAYS POST DBA.

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1

REVISION # :03
DATE :08/30/82

SYSTEM :MAIN STEAM
TAG :MV-08-3

3

A/E: EBASCO SERVICES INC.
UTILITY: FLORIDA POWER & LIGHT

FACILITY: ST. LUCIE NO. 2
COMPONENT EVALUATION SHEET

NSSS: COMBUSTION ENG. - PWR
CAPACITY: 890 MW(E)

REV#- 3
CES#-1049

EQUIPMENT DESCRIPTION

TAG NO : MV-09-10

EQUIPMENT: VALVE OPERATORS
TYPE

COMPONENT: MOTOR OPERATED VALVES

MANUFACTURER: LIMITORQUE CORP

MAJOR SUPPLIER : WKM CORP

MODEL AND SERIAL # : LO-SMB-4-200/ 117490

FUNCT.DES: & SERVICE : AUX FW 2B DISCHARGE VALVE

ACCUR. SPEC: NOT APPLICABLE

ACCUR. DEM.: NOT APPLICABLE

SPECIFICATIONS: 110

P.O #:422550 CWD # : /

PLANT LOC.: TB23

COORDINATES X- 675.0
Y- 1397.0
Z- 46.0

INSTALLED (Y/N): YES
INSTAL. REF: FV0249
QUALIF EXEMPTN: NOT APPLIC

ENVIRONMENT			DOCUMENTATION		QUALIF. METHOD	H/M	OUTS ITEMS	
PARAMETER	ACTUAL	DEM. QUALIF.	ACTUAL	DEM. QUALIF.				
1	2		3	4-5	6	7		
OPERABILITY NORM/TEST DBA	40 YRS <500 CYCLS UP TO 180 DY POSTDBA	40 YRS 2000 CYCLS >200 DAYS POST DBA	SL2-FSAR TABLE311-2 OPER. REVIEW	LIMITRQ RP T B0058 P. 116,131 APP ID REF1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS ACCEL TEMP: 180C
TEMPERATURE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TTB23D SL2-FSAR TABLE311-1 T408 2C	LMTRQ REPT B0058 APP. ID P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PTB23D SL2-FSAR TABLE311-1 P408 2C	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23D SL2-FSAR TABLE311-1 H408 2C	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23D SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	M	NONE	
R A D . 40YR/RW	2 HR 30 D 1 YR 1.0E5 INTEG RATED DOSE	2.04E8 TOTAL INTEGRATED DOSE	RTB23D SL2-FSAR TABLE311-1 R408 2C	LMTRQ REPT B0058P.16, 117APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	M	NONE	
AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 116,APP.D P 115 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23D SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.1
TEMPERATURE T	3.1
PRESSURE P	3.1
REL. HUMDTY H	3.1
CHEM. SPRAY C	3.1
RADIATION R	3.1
AGING	3.1
SUBMERGENCE S	3.1

SAR ENV CAT: K
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE. #

REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA.

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1

REVISION # : 03
DATE : 08/30/82

SYSTEM : AUXILIARY FEEDWATER
TAG : MV-09-10

QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION
****
*
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PHYS DWG REF: 2998G-408 2C
PHYS DWG LOC:
MOUNTING : STM TRESL
EQ PACK # : 3.1

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCI[illegible] 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATI[illegible] SHEET CAPACITY: 890 MW(E) CES#-1050

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : MV-09-10 PB	OPERABIL-ITY NORM/TEST DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	REF 1	TTB23D SL2-FSAR TABLE311-1 T408 2C	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	REF 1	PTB23D SL2-FSAR TABLE311-1 P408 2C	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL #: B/M C10-2B	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	REF 1	HTB23D SL2-FSAR TABLE311-1 H408 2C	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. RE
FUNCT.DES: & SERVICE TAG INDICATED									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CTB23D SL2-FSAR TABLE311-1 C408 2C	REF 1	NOT APPLIC ABLE	M	NONE	MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS &
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	REF 1	RTB23D SL2-FSAR TABLE311-1 R408 2C	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MOV'S PRIMARILY FOR MAIN. & TEST.
SPECIFICATIONS:324									3
P.O #:422589 CWD # : 0609/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC: TB23									
COORDINATES X- 671.0 Y- 1390.0 Z- 42.0	SUBMERGED	NO AREA FLOODING	REF 1	STB23D SL2-FSAR TABLE311-1 S408 2C	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF:FVO171	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #			QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1			
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	55.1							
	PRESSURE P	55.1							
	REL. HUMDTY H	55.1							
	CHEM. SPRAY C	55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
	RADIATION R	55.1							
PHYS DWG REF: 2998G-408 2C	AGING	55.1							
PHYS DWG LOC:	SUBMERGENCE S	55.1							REVISION # :03
MOUNTING : STM TRESL									DATE :08/30/82
EQ PACK # : 55.1	SAR ENV CAT: K								
	0588 CATEG.: B								SYSTEM :AUXILIARY FEEDWATER
	APPENDIX E								TAG :MV-09-10 PB

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1051

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : MV-09-11	OPERABIL-ITY	40 YRS <500 CYCLS	40 YRS 2000 CYCLS	SL2-FSAR TABLE311-2	LIMITRQ RP T 80058 P.	COMB. TEST &	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA	UP TO 180 DY POSTDBA	>200 DAYS POST DBA	OPER. REVIEW	116,131 APP D REF1,2	EXTRA-POL'N			ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TTB23C SL2-FSAR TABLE311-1 T408 2C	LMTRQ REPT B0058 APP. D P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	0PSIG NORM 25 PSIG FIG. 1 OF REPT.	PTB23C SL2-FSAR TABLE311-1 P408 2C	LMTRQ REPT B0058 APP. D P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR : WKM SUPPLIER									SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND: LO-SMB-4-200 SERIAL # S/N-293524	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23C SL2-FSAR TABLE311-1 H408 2C	LMTRQ REPT B0058 APP. D P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: AUX FW 2C DIS- & SERVICE CHARGE VALVE									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23S SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	2.04E8 TOTAL INTEGRATED DOSE	RTB23C SL2-FSAR TABLE311-1 R408 2C	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 110									
P.O #:422550 CWD # : 0612/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 116,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: TB23									
COORDINATES X- 738.0 Y- 1407.0 Z- 46.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23C SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES INSTAL. REF:FV0172 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	OPERABILITY	3.1							
	TEMPERATURE T	3.1							
	PRESSURE P	3.1							
	REL. HUMDTY H	3.1							
	CHEM. SPRAY C	3.1		REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA.					
	RADIATION R	3.1							
PHYS DWG REF: 2998G-408 2C	AGING	3.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	3.1							DATE :08/30/82
MOUNTING : STM TRESL									
EQ PACK # : 3.1	SAR ENV CAT: K								SYSTEM :AUXILIARY FEEDWATER
	0588 CATEG.: A								TAG :MV-09-11
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1052

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : MV-09-11 PB	OPERABILITY NORM/TEST	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE		DBA							ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERATURE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	REF 1	TTB23C SL2-FSAR TABLE311-1 T408 2C	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	REF 1	PTB23C SL2-FSAR TABLE311-1 P408 2C	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C10-2B	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	REF 1	HTB23C SL2-FSAR TABLE311-1 H408 2C	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CTB23S SL2-FSAR TABLE311-1 C408 2C	REF 1	NOT APPLIC ABLE	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	REF 1	RTB23C SL2-FSAR TABLE311-1 R408 2C	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS:324									
P.O #:422589 CWD # : 0612/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: TB23									
COORDINATES X- 733.0 Y- 1395.0 Z- 46.0	SUBMERGED	NO AREA FLOODING	REF 1	STB23C SL2-FSAR TABLE311-1 S408 2C	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF:FV0173	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	55.1							
	PRESSURE P	55.1							
	REL. HUMDTY H	55.1							
	CHEM. SPRAY C	55.1							
	RADIATION R	55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
PHYS DWG REF: 2998G-408 2C	AGING	55.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	55.1							DATE :08/30/82
MOUNTING : STM TRESL									
EQ PACK # : 55.1	SAR ENV CAT: K								SYSTEM :AUXILIARY FEEDWATER
	0588 CATEG.: B								TAG :MV-09-11 PB
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1053

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : MV-09-12	OPERABILITY / NORM/TEST	40 YRS <500 CYCLS UP TO 180 DY POSTDBA	40 YRS 2000 CYCLS >200 DAYS POST DBA	SL2-FSAR TABLE311-2 OPER. REVIEW	LIMITRQ RP T B0058 P. 16,131 APP ID REF1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES	TEMPERATURE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TTB23D SL2-FSAR TABLE311-1 T408 2C	LMTRQ REPT B0058 APP. ID P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP									MAINTAIN.:
MAJOR SUPPLIER : WKM	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PTB23D SL2-FSAR TABLE311-1 P408 2C	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND: LO-SMB-4-200/ SERIAL # 117488	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23D SL2-FSAR TABLE311-1 H408 2C	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: AUX FW 2C DISCHARGE VALVE & SERVICE									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23D SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	1.0E5 INTEG RATED DOSE	2.04E8 TOTAL INTEGRATED DOSE	RTB23D SL2-FSAR TABLE311-1 R408 2C	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	M	NONE
SPECIFICATIONS: 110									
P.O #:422550 CWD # : 0613/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: TB23									ESF
COORDINATES X- 679.0 Y- 1398.0 Z- 46.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23D SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0253									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.1
TEMPERATURE T	3.1
PRESSURE P	3.1
REL. HUMDTY H	3.1
CHEM. SPRAY C	3.1
RADIATION R	3.1
AGING	3.1
SUBMERGENCE S	3.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA.

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1

REVISION # :03
DATE :08/30/82

SYSTEM :AUXILIARY FEEDWATER
TAG :MV-09-12

QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION

PHYS DWG REF: 2998G-408 2C
PHYS DWG LOC:
MOUNTING : STM TRESL
EQ PACK # : 3.1

SAR ENV CAT: K
10588 CATEG.: A
APPENDIX E

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1054

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : MV-09-12 PB	OPERABIL-ITY	40 YEARS + TEST + 180 DAYS POST	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE	NORM/TEST DBA	DBA							ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	REF 1	TTB23D SL2-FSAR TABLE311-1 T408 2C	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	REF 1	PTB23D SL2-FSAR TABLE311-1 P408 2C	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C10-2B	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	REF 1	HTB23D SL2-FSAR TABLE311-1 H408 2C	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. RE
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CTB23D SL2-FSAR TABLE311-1 C408 2C	REF 1	NOT APPLIC ABLE	M	NONE	MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS &
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	REF 1	RTB23D SL2-FSAR TABLE311-1 R408 2C	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MOV'S PRIMARILY FOR MAIN. & TEST.
SPECIFICATIONS: 324									
P.O #:422589 CWD # : 0613/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: TB23									
COORDINATES X- 684.0 Y- 1387.0 Z- 46.0	SUBMERGED	NO AREA FLOODING	REF 1	STB23D SL2-FSAR TABLE311-1 S408 2C	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF: FV0174	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1							
**********	TEMPERATURE T	55.1							
QUALIF RETEST	PRESSURE P	55.1							
STATUS	REL. HUMDTY H	55.1							
********	CHEM. SPRAY C	55.1							
*	RADIATION R	55.1							
**********	AGING	55.1							
PHYS DWG REF: 2998G-408 2C	SUBMERGENCE S	55.1							REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 55.1	SAR ENV CAT: K		REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						SYSTEM :AUXILIARY FEEDWATER
	10588 CATEG.: B								TAG :MV-09-12 PB
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1055

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : MV-09-13	OPERABIL-ITY	40 YRS <500 CYCLS UP TO 180 DY POSTDBA	40 YRS 2000 CYCLS >200 DAYS POST DBA	SL2-FSAR TABLE311-2 OPER. REVIEW	LIMITRQ RP T B0058 P. 16,131 APP D REF1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA								ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TTB23B SL2-FSAR TABLE311-1 T408 2C	LMTRQ REPT B0058 APP. D P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP									MAINTAIN.:
MAJOR SUPPLIER : PACIFIC	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PTB23B SL2-FSAR TABLE311-1 P408 2C	LMTRQ REPT B0058 APP. D P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND: LO-SMC-04/ SERIAL # D003809	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23B SL2-FSAR TABLE311-1 H408 2C	LMTRQ REPT B0058 APP. D P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE AUX FW 2C DISCHARGE VALVE									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23B SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 30 D 1 YR INTEG RATED DOSE	1.0E5 TOTAL INTEGRATED DOSE	2.04E8 RTB23B SL2-FSAR TABLE311-1 R408 2C	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 111C									
P.O #:422563 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: TB23									
COORDINATES X- 685.0 Y- 1384.0 Z- 34.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23B SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0253	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR	TEMPERATURE	T 3.1							
STATUS INTERIM OPERATION	PRESSURE	P 3.1							
	REL. HUMDTY	H 3.1							
	CHEM. SPRAY	C 3.1	REFERENCES: 1.QUAL. TO IEEE323-74,382-72, .101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA.						
	RADIATION	R 3.1							
PHYS DWG REF: 2998G-408 2C	AGING	3.1							
PHYS DWG LOC:	SUBMERGENCE	S 3.1							
MOUNTING : STM TRESL									
EQ PACK # : 3.1	SAR ENV CAT: K								
	0588 CATEG.: A								
	APPENDIX E								REVISION # :03 DATE :08/30/82
									SYSTEM :AUXILIARY FEEDWATER TAG :MV-09-13

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1056

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : MV-09-13 PB	OPERABIL-ITY NORM/TEST DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	REF 1	TTB23B SL2-FSAR TABLE311-1 T408 2C	REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	REF 1	PTB23B SL2-FSAR TABLE311-1 P408 2C	REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C10-2B	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	REF 1	HTB23B SL2-FSAR TABLE311-1 H408 2C	REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. RE
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CTB23B SL2-FSAR TABLE311-1 C408 2C	REF 1	NOT APPLIC ABLE	M	NONE	MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS &
ACCUR. SPEC: NOT APPLICABLE									3
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 30 D 1 YR	1.0E5 INTEG RATED DOSE	REF 1	RTB23B SL2-FSAR TABLE311-1 R408 2C	REF 1	COMB. TEST & EXTRA-POL'N	M	NONE	MOV'S PRIMARILY FOR MAIN. & TEST.
SPECIFICATIONS: 324									
P.O #:422589 CWD # : 0610/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: TB23									
COORDINATES X- 689.0 Y- 1382.0 Z- 34.0	SUBMERGED	NO AREA FLOODING	REF 1	STB23B SL2-FSAR TABLE311-1 S408 2C	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): NO									
INSTAL. REF: FV0175	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1							
QUALIF RETEST *STATUS*	TEMPERATURE	T 55.1							
	PRESSURE	P 55.1							
	REL. HUMDTY	H 55.1							
	CHEM. SPRAY	C 55.1							
	RADIATION	R 55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK. VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
	AGING	55.1							
	SUBMERGENCE	S 55.1							
PHYS DWG REF: 2998G-408 2C	SAR ENV CAT: K								REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	0588 CATEG.: B								
MOUNTING : STM TRESL	APPENDIX E								SYSTEM :AUXILIARY FEEDWATER
EQ PACK # : 55.1									TAG :MV-09-13 PB

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1057

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : MV-09-14	OPERABIL-ITY	40 YRS <500 CYCLS	40 YRS 2000 CYCLS	SL2-FSAR TABLE311-2	LIMITRQ RP T B0058 P.	COMB. TEST &	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA	UP TO 180 DY POSTDBA	>200 DAYS POST DBA	OPER. REVIEW	16,131 APP ID REF1,2	EXTRA- POL'N			ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TTB23B SL2-FSAR TABLE311-1 T408 2C	LMTRQ REPT B0058 APP. ID P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER:LIMITORQUE CORP	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PTB23B SL2-FSAR TABLE311-1 P408 2C	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : PACIFIC									SUBCOMPONENTS:
MODEL AND SERIAL # : LO-SMC-04 S/N-D003808	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23B SL2-FSAR TABLE311-1 H408 2C	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE AUX FD INTRTIE OPEN(M)	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23B SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 30 D 1 YR	1.0E5 INTEG RATED DOSE	2.04E8 TOTAL INTEGRATED DOSE	RTB23B SL2-FSAR TABLE311-1 R408 2C	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS:111C									
P.O #:422563 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: TB23									ESF
COORDINATES X- 677.0 Y- 1393.0 Z- 35.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23B SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES INSTAL. REF:FV0421 QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.1
TEMPERATURE T	3.1
PRESSURE P	3.1
REL. HUMDTY H	3.1
CHEM. SPRAY C	3.1
RADIATION R	3.1
AGING	3.1
SUBMERGENCE S	3.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA.

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1

REVISION # :03
DATE :08/30/82

SYSTEM :AUXILIARY FEEDWATER
TAG :MV-09-14

QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION

PHYS DWG REF: 2998G-408 2C
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.1

SAR ENV CAT: K
10588 CATEG.: A
APPENDIX E

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1058

EQUIPMENT DESCRIPTION		ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV DEM. QUALIF.	DOCUMENTATION ACTUAL	DOC DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO :	MV-09-14 PB	OPERABIL-ITY NORM/TEST DBA	40 YRS PLUS TEST UP TO 180 DY POSTDBA	REF 1	SL2-FSAR TABLE311-2 OPER. REVIEW	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: TYPE	CONTROL DEVICES									ACCEL TEMP: REF 1
COMPONENT:	LOCAL CONTROL STATION	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	REF 1	TTB23B SL2-FSAR TABLE311-1 T408 2C	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER:	BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	REF 1	PTB23B SL2-FSAR TABLE311-1 P408 2C	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER :	NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # :	BY B/M	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	REF 1	HTB23B SL2-FSAR TABLE311-1 H408 2C	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT.
FUNCT.DES: & SERVICE	AUX FW 2C DEV-CHARGE VALVE PUSHBUTTON	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CTB23B SL2-FSAR TABLE311-1 C408 2C	REF 1	NOT APPLIC ABLE	M	NONE	
ACCUR. SPEC:	NOT APPLICABLE									
ACCUR. DEM.:	NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	REF 1	RTB23B SL2-FSAR TABLE311-1 R408 2C	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS:	324									
P.O #:	422589 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.:	TB23									
COORDINATES	X- 667.0 Y- 1388.0 Z- 26.0	SUBMERGED	NO AREA FLOODING	REF 1	STB23B SL2-FSAR TABLE311-1 S408 2C	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE:
INSTALLED (Y/N):	YES									
INSTAL. REF:	FV00054									
QUALIF EXEMPTN:	NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	55.1
TEMPERATURE T	55.1
PRESSURE P	55.1
REL. HUMDTY H	55.1
CHEM. SPRAY C	55.1
RADIATION R	55.1
AGING	55.1
SUBMERGENCE S	55.1

QUALIF RETEST
STATUS
****
*
****

PHYS DWG REF: 2998G-408 2C
PHYS DWG LOC:
MOUNTING : STM TRESL
EQ PACK # : 55.1

SAR ENV CAT: K
10588 CATEG.: B
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1) VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK. VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT. 30, 1982

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 55.1

REVISION # : 03
DATE : 08/30/82

SYSTEM : AUXILIARY FEEDWATER
TAG : MV-09-14 PB

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1060

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : MV-09-9	OPERABIL-ITY	40 YRS <500 CYCLS UP TO 180	40 YRS 2000 CYCLS >200 DAYS	SL2-FSAR TABLE311-2 OPER.	LIMITRQ RP T B0058 P. 116,131 APP	COMB. TEST & EXTRA-	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS	NORM/TEST DBA	DY POSTDBA	POST DBA	REVIEW	ID REF1,2	POL'N			ACCEL TEMP:
TYPE									180C
COMPONENT: MOTOR OPERATED VALVES	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TTB23C SL2-FSAR TABLE311-1 T408 2C	LMTRQ REPT B0058 APP. ID P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP									MAINTAIN.:
	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PTB23C SL2-FSAR TABLE311-1 P408 2C	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	NOT APPLICABLE
MAJOR SUPPLIER : WKM									SUBCOMPONENTS:
MODEL AND SERIAL #: LO-SMB-4-200	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23C SL2-FSAR TABLE311-1 H408 2C	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE AUX FD ISOL OPEN(M)									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23S SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	1.0E5 INTEG RATED DOSE	2.04E8 TOTAL INTEGRATED DOSE	RTB23C SL2-FSAR TABLE311-1 R408 2C	LMTRQ REPT B0058P.16, 117APP.DP.2 REF 1,2	M	NONE	
SPECIFICATIONS: 110									
P.O #:422550 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 116,APP.D P 115 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: TB23									ESF
COORDINATES X- 742.0 Y- 1405.0 Z- 46.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23C SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0259	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR	TEMPERATURE T	3.1							
STATUS INTERIM OPERATION	PRESSURE P	3.1							
********	REL. HUMDTY H	3.1							
*	CHEM. SPRAY C	3.1	REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVAT ISM ASSUME THAT VALVE MUST OPE RATE UP TO 180 DAYS POST DBA.						3
**********	RADIATION R	3.1							
PHYS DWG REF: 2998G-408 2C	AGING	3.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	3.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.1	SAR ENV CAT: K								SYSTEM :AUXILIARY FEEDWATER
	0588 CATEG.: A								TAG :MV-09-9
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1061

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : MV-09-9 PB	OPERABILITY NORM/TEST	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE		DBA							ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERATURE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	REF 1	TTB23C SL2-FSAR TABLE311-1 T408 2C	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	REF 1	PTB23C SL2-FSAR TABLE311-1 P408 2C	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL #: B/M	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	REF 1	HTB23C SL2-FSAR TABLE311-1 H408 2C	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CTB23S SL2-FSAR TABLE311-1 C408 2C	REF 1	NOT APPLICABLE	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	REF 1	RTB23C SL2-FSAR TABLE311-1 R408 2C	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS:324									
P.O #:422589 CWD # : 0608/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	MINIMUM LIFEGOAL	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: TB23									
COORDINATES X- 752.0 Y- 1407.0 Z- 42.0	SUBMERGED	NO AREA FLOODING	REF 1	STB23C SL2-FSAR TABLE311-1 S408 2C	REF 1	NOT APPLICABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): NO									
INSTAL. REF: FV0260									
QUALIF EXEMPTN: NOT EXEMPT									

PARAMETER	SUPPL. REVIEW
OPERABILITY	55.1
TEMPERATURE T	55.1
PRESSURE P	55.1
REL. HUMDTY H	55.1
CHEM. SPRAY C	55.1
RADIATION R	55.1
AGING	55.1
SUBMERGENCE S	55.1
SAR ENV CAT: K	
0588 CATEG.: B	
APPENDIX E	

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1

QUALIF* STATUS*

RETEST

PHYS DWG REF: 2998G-408 2C
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 55.1

REVISION # :03
DATE :08/30/82

SYSTEM :AUXILIARY FEEDWATER
TAG :MV-09-9 PB

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1064

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : MV-14-10	OPERABIL-ITY NORM/TEST	40 YRS <500 CYCLS UP TO 180 DBA DY POSTDBA	40 YRS 2000 CYCLS >200 DAYS POST DBA	SL2-FSAR TABLE311-2 OPER. REVIEW	LIMITRQ RP T 80058 P. 16,131 APP ID REF1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TAB25C SL2-FSAR TABLE311-1 T393	LMTRQ REPT 80058 APP. ID P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP									MAINTAIN.:
MAJOR SUPPLIER : HENRY PRATT	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PAB25C SL2-FSAR TABLE311-1 P393	LMTRQ REPT 80058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND SERIAL #: LO-SMB-000-2 S/N-245645	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	100%	HAB25C SL2-FSAR TABLE311-1 H393	LMTRQ REPT 80058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE FAN COOLR ISOL OPENS									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	2.04E8 TOTAL INTEGRATED DOSE	RAB25C SL2-FSAR TABLE311-1 R393	LMTRQ REPT 80058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 114									
P.O #:422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT 80058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB25									
COORDINATES X- 605.0 Y- 1511.0 Z- 25.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	SAB25 SL2-FSAR TBL 3.11-1	NOT APPLICABLE	N/A	/	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0262	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR	TEMPERATURE T	3.1							
STATUS INTERIM OPERATION	PRESSURE P	3.1							
********	REL. HUMDTY H	3.1							
*	CHEM. SPRAY C	3.1	REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA.						
**********	RADIATION R	3.1							
PHYS DWG REF: 2998G-393	AGING	3.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	3.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.1	SAR ENV CAT: D								SYSTEM :COMPONENT COOLING
	0588 CATEG.: A								TAG :MV-14-10
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1065

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	DEM.	QUALIF.	DOCUMENTATION ACTUAL	DEM.	QUALIF.	METHOD	H/M	OUTS ITEMS	
		1	2		3	4		5	6	7	
TAG NO : MV-14-10 PB	OPERABIL-ITY NORM/TEST DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1		FSAR TABLE 3.11-2	REF 1		COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE											ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	REF 1		TAB25A SL2-FSAR TABLE311-1 T393	REF 1		COMB. TEST & EXTRA-POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	REF 1		PAB25A SL2-FSAR TABLE311-1 P393	REF 1		COMB. TEST & EXTRA-POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE											SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C10-8B	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	REF 1		HAB25A SL2-FSAR TABLE311-1 H393	REF 1		COMB. TEST & EXTRA-POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED											
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1		CAB25 SL2-FSAR TABLE311-1	REF 1		NOT APPLIC ABLE	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 370 1.0E5 30 D 4.0E5 5.2E5 1 YR 6.1E5 7.3E5 40YR/RW 1.0E4 5.0E5	REF 1		RAB25C1 SL2-FSAR TABLE311-1 R393	REF 1		COMB. TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS:324											
P.O #:422589 CWD # : 0221/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1		10CFR50 PARA 50.51	REF 1		COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB25											
COORDINATES X- 587.0 Y- 1562.0 Z- 20.0	SUBMERGED	NO AREA FLOODING	REF 1		SAB25 SL2-FSAR TABLE311-1	REF 1		NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES											
INSTAL. REF:FV0424	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #								QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1									
**********	TEMPERATURE T	55.1									
QUALIF RETEST	PRESSURE P	55.1									
STATUS	REL. HUMDTY H	55.1									
********	CHEM. SPRAY C	55.1									
*	RADIATION R	55.1									
**********	AGING	55.1									
PHYS DWG REF: 2998G-393	SUBMERGENCE S	55.1									
PHYS DWG LOC:											
MOUNTING : NOT APPLICABLE	SAR ENV CAT: D										
EQ PACK # : 55.1	10588 CATEG.: B										
	APPENDIX E										

REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982

REVISION # :03
DATE :08/30/82

SYSTEM :COMPONENT COOLING
TAG :MV-14-10 PB

3

A/E: EBASCO SERVICES INC. FACILITY: ST 'E NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EV 'ION SHEET CAPACITY: 890 MW(E) CES#-1066

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : MV-14-11	OPERABIL-ITY NORM/TEST	40 YRS <500 CYCLS UP TO 180 DY POSTDBA	40 YRS 2000 CYCLS >200 DAYS POST DBA	SL2-FSAR TABLE311-2 OPER. REVIEW	LIMITRQ RP T B0058 P. 16,131 APP ID REF1,2	COMB. TEST & EXTRA- POL'N	/ .	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TAB25C SL2-FSAR TABLE311-1 T393	LMTRQ REPT B0058 APP. ID P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES									REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PAB25C SL2-FSAR TABLE311-1 P393	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : HENRY PRATT									SUBCOMPONENTS:
MODEL AND SERIAL # : LO-SMB-000-2/ 845638	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	100%	HAB25C SL2-FSAR TABLE311-1 H393	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE FAN COOLR ISOL OPENS									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	2.04E8 TOTAL INTEGRATED DOSE	RAB25C SL2-FSAR TABLE311-1 R393	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE
SPECIFICATIONS: 114									
P.O #:422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB25									
COORDINATES X- 609.0 Y- 1522.0 Z- 25.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	SAB25 SL2-FSAR TBL 3.11-1	NOT APPLICABLE	N/A	/	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0264									
QUALIF EXEMPTN: NOT APPLIC									

PARA-METER	SUPPL. REVIEW
OPERABILITY	3.1
TEMPERATURE T	3.1
PRESSURE P	3.1
REL. HUMDTY H	3.1
CHEM. SPRAY C	3.1
RADIATION R	3.1
AGING	3.1
SUBMERGENCE	3.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA.

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1

REVISION # :03
DATE :08/30/82

SYSTEM :COMPONENT COOLING
TAG :MV-14-11

PHYS DWG REF: 2998G-393
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.1

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION

3.

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1067

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM.	ENV. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM.	DOC. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : MV-14-11 PB	OPERABIL-ITY	40 YEARS + TEST + 180 DAYS POST DBA		REF 1	FSAR TABLE 3.11-2		REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE	NORM/TEST DBA										ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN		REF 1,	TAB25A SL2-FSAR TABLE311-1 T393		REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)		REF 1	PAB25A SL2-FSAR TABLE311-1 P393		REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE											SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C10-8B	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN		REF 1	HAB25A SL2-FSAR TABLE311-1 H393		REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY		REF 1	CAB25 SL2-FSAR TABLE311-1		REF 1	NOT APPLIC ABLE	M	NONE	
ACCUR. SPEC: NOT APPLICABLE											
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	REF 1	RAB25C1 SL2-FSAR TABLE311-1 R393		REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:324											
P.O #:422589 CWD # : 0222/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS		REF 1	10CFR50 PARA 50.51		REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB25											
COORDINATES X- 587.0 Y- 1562.0 Z- 20.0	SUBMERGED	NO AREA FLOODING		REF 1	SAB25 SL2-FSAR TABLE311-1		REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES											
INSTAL. REF:FVO177	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #								QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1									
QUALIF RETEST *STATUS*	TEMPERATURE	T 55.1									
	PRESSURE	P 55.1									
	REL. HUMDTY	H 55.1									
	CHEM. SPRAY	C 55.1									
	RADIATION	R 55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982								
	AGING	55.1									
	SUBMERGENCE	S 55.1									
PHYS DWG REF: 2998G-393											REVISION # :03
PHYS DWG LOC:	SAR ENV CAT: D										DATE :08/30/82
MOUNTING : NOT APPLICABLE	0588 CATEG.: B										
EQ PACK # : 55.1	APPENDIX E										SYSTEM :COMPONENT COOLING
											TAG :MV-14-11 PB

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1068

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : MV-14-12	OPERABIL-ITY /NORM/TEST /DBA	40 YRS <500 CYCLS UP TO 180 DY POSTDBA	40 YRS 2000 CYCLS >200 DAYS POST DBA	SL2-FSAR TABLE311-2 OPER. REVIEW	LIMITRQ RP T B0058 P. 16,131 APP D REF1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TAB25C SL2-FSAR TABLE311-1 T393	LMTRQ REPT B0058 APP. D P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT:. NOT APPLICABLE
MANUFACTURER:LIMITORQUE CORP									MAINTAIN.:
MAJOR : HENRY PRATT SUPPLIER	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PAB25C SL2-FSAR TABLE311-1 P393	LMTRQ REPT B0058 APP. D P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND: LO-SMB-000-2 SERIAL # S/N-245647	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	100%	HAB25C SL2-FSAR TABLE311-1 H393	LMTRQ REPT B0058 APP. D P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: FAN COOLR ISOL & SERVICE OPENS									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	2.04E8 TOTAL INTEGRATED DOSE	RAB25C SL2-FSAR TABLE311-1 R393	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:114									
P.O #:422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB25									
COORDINATES X- 607.0 Y- 1517.0 Z- 25.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	SAB25 SL2-FSAR TBL 3.11-1	NOT APPLICABLE	N/A	/	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF:FV0266	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR	TEMPERATURE T	3.1							
STATUS INTERIM OPERATION	PRESSURE P	3.1							
	REL. HUMDTY H	3.1							
	CHEM. SPRAY C	3.1	REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA.						
	RADIATION R	3.1							
PHYS DWG REF: 2998G-393	AGING	3.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	3.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.1	SAR ENV CAT: D								SYSTEM :COMPONENT COOLING
	0588 CATEG.: A								TAG :MV-14-12
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1069

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM.	ENV. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM.	DOC. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : MV-14-12 PB	OPERABIL-ITY	40 YEARS + TEST + 180 DAYS POST DBA		REF 1	FSAR TABLE 3.11-2		REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES	NORM/TEST DBA										ACCEL TEMP: REF 1
TYPE	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN		REF 1	TAB25A SL2-FSAR TABLE311-1 T393		REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	REPLACEMENT: REF 1
COMPONENT: LOCAL CNTRL STATION											
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)		REF 1	PAB25A SL2-FSAR TABLE311-1 P393		REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE											SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C10-8B	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN		REF 1	HAB25A SL2-FSAR TABLE311-1 H393		REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. RE
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED											
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY		REF 1	CAB25 SL2-FSAR TABLE311-1		REF 1	NOT APPLIC ABLE	M	NONE	MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS &
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5		REF 1	RAB25C1 SL2-FSAR TABLE311-1 R393		REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	MOV'S PRIMARILY FOR MAIN. & TEST. 3
SPECIFICATIONS: 324											
P.O #: 422589 CWD # : 0223/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS		REF 1	10CFR50 PARA 50.51		REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB25											
COORDINATES X- 587.0 Y- 1562.0 Z- 20.0	SUBMERGED	NO AREA FLOODING		REF 1	SAB25 SL2-FSAR TABLE311-1		REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES											
INSTAL. REF: FV0427	PARA-METER	SUPPL. REVIEW			FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #			QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 55.1			
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1									
**********	TEMPERATURE T	55.1									
QUALIF RETEST	PRESSURE P	55.1									
STATUS	REL. HUMDTY H	55.1									
********	CHEM. SPRAY C	55.1									
*	RADIATION R	55.1			REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
**********	AGING	55.1									
PHYS DWG REF: 2998G-393	SUBMERGENCE S	55.1									REVISION # :03 DATE :08/30/82
PHYS DWG LOC:											
MOUNTING : NOT APPLICABLE											SYSTEM :COMPONENT COOLING
EQ PACK # : 55.1	SAR ENV CAT: D										TAG :MV-14-12 PB
	0588 CATEG.: B										
	APPENDIX E										

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1070

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : MV-14-13	OPERABIL-ITY /NORM/TEST /DBA	40 YRS <500 CYCLS UP TO 180 DY POSTDBA	40 YRS 2000 CYCLS >200 DAYS POST DBA	SL2-FSAR TABLE311-2 OPER. REVIEW	LIMITRQ RP T B0058 P. 16,131 APP ID REF1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TAB25C SL2-FSAR TABLE311-1 T393	LMTRQ REPT B0058 APP. ID P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP									MAINTAIN.:
MAJOR SUPPLIER : HENRY PRATT	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PAB25C SL2-FSAR TABLE311-1 P393	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND: LO-SMB-000-2/ SERIAL # 245640	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	100%	HAB25C SL2-FSAR TABLE311-1 H393	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE FAN COOLR ISOL OPENS									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	2.04E8 TOTAL INTEGRATED DOSE	RAB25C SL2-FSAR TABLE311-1 R393	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 114									
P.O #:422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB25									ESF
COORDINATES X- 605.0 Y- 1498.0 Z- 25.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	SAB25 SL2-FSAR TBL 3.11-1	NOT APPLICABLE	N/A	/	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									

INSTAL. REF: FV0268
QUALIF EXEMPTN: NOT APPLIC

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.1
TEMPERATURE T	3.1
PRESSURE P	3.1
REL. HUMDTY H	3.1
CHEM. SPRAY C	3.1
RADIATION R	3.1
AGING	3.1
SUBMERGENCE	3.1

SAR ENV CAT: D
O588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA.

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1

REVISION # :03
DATE :08/30/82

SYSTEM :COMPONENT COOLING
TAG :MV-14-13

QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION

PHYS DWG REF: 2998G-393
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.1

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1071

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	DEM.	QUALIF.	DOCUMENTATION ACTUAL	DEM.	QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2		3	4		5	6	7	
TAG NO : MV-14-13 PB	OPERABIL-ITY NORM/TEST DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1		FSAR TABLE 3.11-2	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE											ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	REF 1		TAB25A SL2-FSAR TABLE311-1 T393	REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	REF 1		PAB25A SL2-FSAR TABLE311-1 P393	REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE											SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C10-8B	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	REF 1		HAB25A SL2-FSAR TABLE311-1 H393	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED											
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1		CAB25 SL2-FSAR TABLE311-1	REF 1		NOT APPLIC ABLE	M	NONE	
ACCUR. SPEC: NOT APPLICABLE											
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 370 1.0E5 30 D 4.0E5 5.2E5 1 YR 6.1E5 7.3E5 40YR/RW 1.0E4 5.0E5	REF 1		RAB25C1 SL2-FSAR TABLE311-1 R393	REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 324											
P.O #:422589 CWD # : 0224/	AGE- INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1		10CFR50 PARA 50.51	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB25											
COORDINATES X- 587.0 Y- 1516.0 Z- 23.0	SUBMERGED	NO AREA FLOODING	REF 1		SAB25 SL2-FSAR TABLE311-1	REF 1		NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES											
INSTAL. REF: FV0429	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #								QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1									
**********	TEMPERATURE T	55.1									
QUALIF RETEST	PRESSURE P	55.1									
STATUS	REL. HUMDTY H	55.1									
********	CHEM. SPRAY C	55.1									
*	RADIATION R	55.1									
**********	AGING	55.1									
PHYS DWG REF: 2998G-393	SUBMERGENCE S	55.1									
PHYS DWG LOC:	SAR ENV CAT: D		REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982								
MOUNTING : NOT APPLICABLE	0588 CATEG.: B										
EQ PACK # : 55.1	APPENDIX E										REVISION # :03 DATE :08/30/82
											SYSTEM :COMPONENT COOLING TAG :MV-14-13 PB

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1072

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : MV-14-14	OPERABIL-ITY	40 YRS <500 CYCLS	40 YRS 2000 CYCLS	SL2-FSAR TABLE311-2	LIMITRQ RP T B0058 P. 16,131 APP	COMB. TEST & EXTRA-	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA	UP TO 180 DY POSTDBA	>200 DAYS POST DBA	OPER. REVIEW	D REF1,2	POL'N			ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TAB25C SL2-FSAR TABLE311-1 T393	LMTRQ REPT B0058 APP. ID P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP									MAINTAIN.:
MAJOR SUPPLIER : HENRY PRATT	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PAB25C SL2-FSAR TABLE311-1 P393	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND SERIAL # : LO-SMB-000-2/ 245641	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	100%	HAB25C SL2-FSAR TABLE311-1 H393	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE FAN COOLR ISOL OPENS									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	2.04E8 TOTAL INTEGRATED DOSE	RAB25C SL2-FSAR TABLE311-1 R393	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 114									
P.O #: 422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA-50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB25									
COORDINATES X- 603.0 Y- 1492.0 Z- 25.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	SAB25 SL2-FSAR TBL 3.11-1	NOT APPLICABLE	N/A	/	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES INSTAL. REF: FV0270 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1
**********	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR	TEMPERATURE T	3.1							
STATUS INTERIM OPERATION	PRESSURE P	3.1							
********	REL. HUMDTY H	3.1							
*	CHEM. SPRAY C	3.1							
**********	RADIATION R	3.1	REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA.						
PHYS DWG REF: 2998G-393	AGING	3.1							
PHYS DWG LOC:	SUBMERGENCE	3.1							
MOUNTING : NOT APPLICABLE									REVISION # : 03
EQ PACK # : 3.1	SAR ENV CAT: D								DATE : 08/30/82
	0588 CATEG.: A								
	APPENDIX E								SYSTEM : COMPONENT COOLING
									TAG : MV-14-14

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1073

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : MV-14-14 PB	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	REF 1	TAB25A SL2-FSAR TABLE311-1 T393	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	REF 1	PAB25A SL2-FSAR TABLE311-1 P393	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL #: B/M C10-8B	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	REF 1	HAB25A SL2-FSAR TABLE311-1 H393	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE: LCL CONTROL OF TAG INDICATED									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB25 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	REF 1	RAB25C1 SL2-FSAR TABLE311-1 R393	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 324									
P.O #: 422589 CWD # : 0225/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB25									
COORDINATES X- 587.0 Y- 1516.0 Z- 23.0	SUBMERGED	NO AREA FLOODING	REF 1	SAB25 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF: FV0269	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1							
**********	TEMPERATURE T	55.1							
QUALIF RETEST	PRESSURE P	55.1							
STATUS	REL. HUMDTY H	55.1							
********	CHEM. SPRAY C	55.1							
*	RADIATION R	55.1	REFERENCES: 1) VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK. VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
**********	AGING	55.1							
PHYS DWG REF: 2998G-393	SUBMERGENCE S	55.1							REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 55.1	SAR ENV CAT: D								SYSTEM :COMPONENT COOLING
	0588 CATEG.: B								TAG :MV-14-14 PB
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR ...V#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1074

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : MV-14-15	OPERABIL-ITY NORM/TEST	40 YRS <500 CYCLS UP TO 180 DY POSTDBA	40 YRS 2000 CYCLS >200 DAYS POSTDBA	SL2-FSAR TABLE311-2 OPER. REVIEW	LIMITRQ RP T 80058 P. 16,131 APP D REF1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TAB25C SL2-FSAR TABLE311-1 T393	LMTRQ REPT B0058 APP. ID P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PAB25C SL2-FSAR TABLE311-1 P393	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP									MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : HENRY PRATT									SUBCOMPONENTS: NO UNIQUE TAGGED
MODEL AND SERIAL # : LO-SMB-000-2 S/N-245650	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	100%	HAB25C SL2-FSAR TABLE311-1 H393	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: FAN COOLR ISOL & SERVICE OPENS	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE ;	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	2.04E8 TOTAL INTEGRATED DOSE	RAB25C SL2-FSAR TABLE311-1 R393	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 114									
P.O #: 422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB25									
COORDINATES X- 605.0 Y- 1506.0 Z- 25.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	SAB25 SL2-FSAR TBL 3.11-1	NOT APPLICABLE	N/A	/	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0272									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.1
TEMPERATURE T	3.1
PRESSURE P	3.1
REL. HUMDTY H	3.1
CHEM. SPRAY C	3.1
RADIATION R	3.1
AGING	3.1
SUBMERGENCE	3.1

QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION

PHYS DWG REF: 2998G-393
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.1

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA.

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1

REVISION # : 03
DATE : 08/30/82

SYSTEM : COMPONENT COOLING
TAG : MV-14-15

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1075

EQUIPMENT DESCRIPTION		ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	1 DEM. QUALIF.	2	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	3	4	QUALIF. METHOD	5	H/M	6	OUTS ITEMS	7	
TAG NO :	MV-14-15 PB	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1		FSAR TABLE 3.11-2	REF 1			COMB. TEST & EXTRA- POL'N		/		NONE		ACCEL TIME: REF 1
EQUIPMENT: TYPE	CONTROL DEVICES															ACCEL TEMP: REF 1
COMPONENT:	LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	REF 1		TAB25A SL2-FSAR TABLE311-1 T393	REF 1			COMB. TEST & EXTRA- POL'N		H		NONE		REPLACEMENT: REF 1
MANUFACTURER:	BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	REF 1		PAB25A SL2-FSAR TABLE311-1 P393	REF 1			COMB. TEST & EXTRA- POL'N		H		NONE		MAINTAIN.: REF 1
MAJOR SUPPLIER :	NOT APPLICABLE															SUBCOMPONENTS:
MODEL AND SERIAL # :	B/M C10-88	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	REF 1		HAB25A SL2-FSAR TABLE311-1 H393	REF 1			COMB. TEST & EXTRA- POL'N		/		NONE		NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE	LCL CONTROL OF TAG INDICATED															
ACCUR. SPEC:	NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1		CAB25 SL2-FSAR TABLE311-1	REF 1			NOT APPLIC ABLE		M		NONE		
ACCUR. DEM.:	NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	370 1.0E5 14.0E5 5.2E5 16.1E5 7.3E5 11.0E4 5.0E5	REF 1	RAB25C1 SL2-FSAR TABLE311-1 R393	REF 1			COMB. TEST & EXTRA- POL'N		H		NONE		
SPECIFICATIONS:	324															
P.O #:	422589 CWD # : 0226/	AGE- /INST LIFE /(PER 323- /1974 DEF.)	40 YRS	REF 1		10CFR50 PARA 50.51	REF 1			COMB. TEST & EXTRA- POL'N		/		NONE		SAFETY FUNCTION: RPS ESF
PLANT LOC.:	AB25															
COORDINATES X-	587.0	SUBMERGED	NO			SAB25				NOT		M		NONE		
Y-	1516.0		AREA FLOODING	REF 1		SL2-FSAR TABLE311-1	REF 1			APPLIC ABLE						AUTH. REFERENCE: 3.112
Z-	23.0															
INSTALLED (Y/N):	YES															
INSTAL. REF:	FV0271	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #												QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN:	NOT EXEMPT															
**********		OPERABILITY	55.1													
QUALIF	RETEST	TEMPERATURE	T 55.1													
STATUS		PRESSURE	P 55.1													
********		REL. HUMDTY	H 55.1													
*		CHEM. SPRAY	C 55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982												
**********		RADIATION	R 55.1													
PHYS DWG REF:	2998G-393	AGING	55.1													
PHYS DWG LOC:		SUBMERGENCE	S 55.1													
MOUNTING :	NOT APPLICABLE															
EQ PACK # :	55.1	SAR ENV CAT:	D													
		0588 CATEG.:	B													
		APPENDIX E														

REVISION # :03
DATE :08/30/82

SYSTEM :COMPONENT COOLING
TAG :MV-14-15 PB

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1076

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	1	DEM. QUALIF.	2	DOCUMENTATION ACTUAL	3	DEM. QUALIF.	4	QUALIF. METHOD	5	H/M	6	OUTS ITEMS	7	
TAG NO : MV-14-16	OPERABIL-ITY	40 YRS	<500 CYCLS	40 YRS	2000 CYCLS	SL2-FSAR	TABLE311-2	LIMITRQ RP T B0058 P.	16,131 APP D REF1,2	COMB. TEST & EXTRA- POL'N	/	NONE		ACCEL TIME: 100 HRS		
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA	UP TO 180 DY POSTDBA		>200 DAYS POST DBA		OPER. REVIEW								ACCEL TEMP: 180C		
COMPONENT: MOTOR OPERATED VALVES	TEMPERAT-URE	85.5F NORM FIG. C-2A	112F1200HR 104FDESIGN	140F NORM 125OF>24HR FIG.1 OF REPT.		TAB25C SL2-FSAR TABLE311-1 T393		LMTRQ REPT B0058 APP. D P.5	REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE		REPLACEMENT: NOT APPLICABLE		
MANUFACTURER: LIMITORQUE CORP	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)		OPSIG NORM 125 PSIG FIG. 1 OF REPT.		PAB25C SL2-FSAR TABLE311-1 P393		LMTRQ REPT B0058 APP. D P.1	REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE		MAINTAIN.: NOT APPLICABLE		
MAJOR SUPPLIER : HENRY PRATT														SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT		
MODEL AND: LO-SMB-000-2 SERIAL # S/N-245638	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H		100%		HAB25C SL2-FSAR TABLE311-1 H393		LMTRQ REPT B0058 APP. D P.1	REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE				
FUNCT.DES: FAN COOLR ISOL & SERVICE OPENS		43% DESIGN														
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY		NOT APPLICABLE		CAB25 SL2-FSAR TABLE311-1		NOT APPLICABLE		N/A	M	NONE				
ACCUR. SPEC: NOT APPLICABLE																
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	2.04E8 TOTAL INTEGRATED DOSE		RAB25C SL2-FSAR TABLE311-1 R393		LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2		COMB. TEST & EXTRA- POL'N	H	NONE				
SPECIFICATIONS: 114																
P.O #: 422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS		40 YRS 2000 CYCLS		10CFR50 PARA 50.51		LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2		COMB. TEST & EXTRA- POL'N	/	NONE		SAFETY FUNCTION: ESF		
PLANT LOC.: AB25																
COORDINATES X- 603.0 Y- 1503.0 Z- 25.0	SUBMERGED	NOT APPLICABLE		NOT APPLICABLE		SAB25 SL2-FSAR TBL 3.11-1		NOT APPLICABLE		N/A	/	NONE		AUTH. REFERENCE: 3.9-10		
INSTALLED (Y/N): YES																
INSTAL. REF: FV0273	PARA-METER	SUPPL. REVIEW		FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #										QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1		
QUALIF EXEMPTN: NOT APPLIC																
********** *QUALIF* QUALIFIED-FOR *STATUS* INTERIM OPERATION ********* * **********	OPERABILITY	3.1														
	TEMPERATURE	T 3.1														
	PRESSURE	P 3.1														
	REL. HUMDTY	H 3.1														
	CHEM. SPRAY	C 3.1		REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA.												
	RADIATION	R 3.1														
	AGING	3.1														
	SUBMERGENCE	3.1														
PHYS DWG REF: 2998G-393														REVISION # :03 DATE :08/30/82		
PHYS DWG LOC:																
MOUNTING : NOT APPLICABLE														SYSTEM :COMPONENT COOLING		
EQ PACK # : 3.1	SAR ENV CAT: D													TAG :MV-14-16		
	0588 CATEG.: A															
	APPENDIX E															

3

A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: .890 MW(E) | CES#-1077

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM.	QUALIF. 2	DOCUMENTATION ACTUAL 3	DEM.	QUALIF. 4	QUALIF. METHOD 5	H/M 6	OUTS ITEMS 7	
TAG NO : MV-14-16 PB	OPERABIL-ITY	40 YEARS + TEST + 180 DAYS POST	REF 1		FSAR TABLE 3.11-2	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE	NORM/TEST DBA	DBA									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	REF 1		TAB25A SL2-FSAR TABLE311-1 T393	REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	REF 1		PAB25A SL2-FSAR TABLE311-1 P393	REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE											SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C10-8B	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	REF 1		HAB25A SL2-FSAR TABLE311-1 H393	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED											
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1		CAB25 SL2-FSAR TABLE311-1	REF 1		NOT APPLIC ABLE	M	NONE	
ACCUR. SPEC: NOT APPLICABLE											
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	REF 1		RAB25C1 SL2-FSAR TABLE311-1 R393	REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:324											
P.O #:422589 CWD # : 0227/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1		10CFR50 PARA 50.51	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB25											
COORDINATES X- 587.0 Y- 1516.0 Z- 23.0	SUBMERGED	NO AREA FLOODING	REF 1		SAB25 SL2-FSAR TABLE311-1	REF 1		NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES INSTAL. REF:FV0274 QUALIF EXEMPTN: NOT EXEMPT											

PARAMETER	SUPPL. REVIEW
OPERABILITY	55.1
TEMPERATURE T	55.1
PRESSURE P	55.1
REL. HUMDTY H	55.1
CHEM. SPRAY C	55.1
RADIATION R	55.1
AGING	55.1
SUBMERGENCE S	55.1

****
QUALIF RETEST
STATUS
****
*
****

SAR ENV CAT: D
10588 CATEG.: B
APPENDIX E

PHYS DWG REF: 2998G-393
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 55.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1

REVISION # :03
DATE :08/30/82

SYSTEM :COMPONENT COOLING
TAG :MV-14-16 PB

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1078

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : MV-14-17	OPERABIL-ITY NORM/TEST	40 YRS <500 CYCLS UP TO 180 DY POSTDBA	40 YRS 2000 CYCLS >200 DAYS POST DBA	SL2-FSAR TABLE311-2 OPER. REVIEW	LIMITRQ RP T B0058 P. 16,131 APP ID REF1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TAB25A SL2-FSAR TABLE311-1 T393	LMTRQ REPT B0058 APP. ID P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP									MAINTAIN.:
MAJOR SUPPLIER : HENRY PRATT	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PAB25A SL2-FSAR TABLE311-1 P393	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND SERIAL #: LO-SMB-000-2	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	100%	HAB25A SL2-FSAR TABLE311-1 H393	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE FUEL POOL ISO. CLOSE(SIAS)									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	2.04E8 TOTAL INTEGRATED DOSE	RAB25C1 SL2-FSAR TABLE311-1 R393	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 114									
P.O #: 422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB25									
COORDINATES X- 596.0 Y- 1578.0 Z- 25.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0275	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR	TEMPERATURE T	3.1							
STATUS INTERIM OPERATION	PRESSURE P	3.1							
	REL. HUMDTY H	3.1							
	CHEM. SPRAY C	3.1	REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA.						
	RADIATION R	3.1							
	AGING	3.1							
PHYS DWG REF: 2998G-393	SUBMERGENCE S	3.1							REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.1	SAR ENV CAT: D								SYSTEM :COMPONENT COOLING
	0588 CATEG.: A								TAG :MV-14-17
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1079

EQUIPMENT DESCRIPTION		ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO :	MV-14-17 SS	OPERABIL-ITY	40 YEARS + TEST + 180 DAYS POST	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
		NORM/TEST DBA	DBA							
EQUIPMENT: TYPE	CONTROL DEVICES									ACCEL TEMP: REF 1
		TEMPERAT-URE	85.5F NORM		TAB25A		COMB.	H	NONE	
COMPONENT:	LOCAL CNTRL STATION		FIG. C-2A 112F1200HR 104FDESIGN	REF 1	SL2-FSAR TABLE311-1 T393	REF 1	TEST & EXTRA- POL'N			REPLACEMENT: REF 1
MANUFACTURER:	BROWN-BOVERI ELECTRIC									MAINTAIN.: REF 1
		PRESSURE	ATMOS NORM		PAB25A		COMB.	H	NONE	
MAJOR SUPPLIER :	NOT APPLICABLE		FIG. C-28 (ACC. DBA)	REF 1	SL2-FSAR TABLE311-1 P393	REF 1	TEST & EXTRA- POL'N			SUBCOMPONENTS:
MODEL AND SERIAL # :	B/M	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	REF 1	HAB25A SL2-FSAR TABLE311-1 H393	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. RE
FUNCT.DES: & SERVICE	LCL CONTROL OF TAG INDICATED	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB25 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS &
ACCUR. SPEC:	NOT APPLICABLE									
ACCUR. DEM.:	NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	REF 1	RAB25C1 SL2-FSAR TABLE311-1 R393	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MOV'S PRIMARILY FOR MAIN. & TEST.
SPECIFICATIONS:	324									3
P.O #:	422589 CWD # : 0228/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.:	AB25									
COORDINATES X-	587.0	SUBMERGED	NO		SAB25		NOT	M	NONE	
Y-	1543.0		AREA FLOODING	REF 1	SL2-FSAR TABLE311-1	REF 1	APPLIC ABLE			AUTH. REFERENCE: 3.112
Z-	20.0									
INSTALLED (Y/N):	NO									
INSTAL. REF:	FV0276									
QUALIF EXEMPTN:	NOT EXEMPT									

PARA-METER	SUPPL. REVIEW
OPERABILITY	55.1
TEMPERATURE T	55.1
PRESSURE P	55.1
REL. HUMDTY H	55.1
CHEM. SPRAY C	55.1
RADIATION R	55.1
AGING	55.1
SUBMERGENCE S	55.1

SAR ENV CAT: D
O588 CATEG.: B
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1

REVISION # :03
DATE :08/30/82

SYSTEM :COMPONENT COOLING
TAG :MV-14-17 SS

QUALIF RETEST
STATUS

PHYS DWG REF: 2998G-393
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 55.1

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1080

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : MV-14-18	OPERABIL-ITY	40 YRS <500 CYCLS UP TO 180	40 YRS 2000 CYCLS >200 DAYS	SL2-FSAR TABLE311-2 OPER.	LIMITRQ RP T B0058 P. 16,131 APP	COMB. TEST & EXTRA-	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA	DY POSTDBA	POST DBA	REVIEW	D REF1,2	POL'N			ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TAB25A SL2-FSAR TABLE311-1 T393	LMTRQ REPT B0058 APP. ID P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP									MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : HENRY PRATT.	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PAB25A SL2-FSAR TABLE311-1 P393	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: LO-SMB-000-2	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	100%	HAB25A SL2-FSAR TABLE311-1 H393	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CCW TO FUEL HX ISOL VALVE									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	2.04E8 TOTAL INTEGRATED DOSE	RAB25C1 SL2-FSAR TABLE311-1 R393	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 114									
P.O #: 422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC: AB25									
COORDINATES X- 595.0 Y- 1577.0 Z- 25.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): NO									
INSTAL. REF: FV0278	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR	TEMPERATURE	T 3.1							
STATUS INTERIM OPERATION	PRESSURE	P 3.1							
	REL. HUMDTY	H 3.1							
	CHEM. SPRAY	C 3.1							
	RADIATION	R 3.1	REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA.						
PHYS DWG REF: 2998G-393	AGING	3.1							
PHYS DWG LOC:	SUBMERGENCE	S 3.1							REVISION # : 03 DATE : 08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.1	SAR ENV CAT: D 10588 CATEG.: A APPENDIX E								SYSTEM : COMPONENT COOLING TAG : MV-14-18

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1081

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	DEM.	QUALIF.	DOCUMENTATION ACTUAL	DEM.	QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1		2	3		4	5	6	7	
TAG NO : MV-14-18 SS	OPERABIL-ITY	40 YEARS + TEST + 180 DAYS POST	REF 1		FSAR TABLE 3.11-2	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE	NORM/TEST DBA	DBA									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	REF 1		TAB25A SL2-FSAR TABLE311-1 T393	REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	REF 1		PAB25A SL2-FSAR TABLE311-1 P393	REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE											SUBCOMPONENTS:
MODEL AND SERIAL # : B/M	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	REF 1		HAB25A SL2-FSAR TABLE311-1 H393	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST. 3
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED											
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1		CAB25 SL2-FSAR TABLE311-1	REF 1		NOT APPLIC ABLE	M	NONE	
ACCUR. SPEC: NOT APPLICABLE											
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	REF 1		RAB25C1 SL2-FSAR TABLE311-1 R393	REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:324											
P.O #:422589 CWD # : 0229/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1		10CFR50 PARA 50.51	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB25											
COORDINATES X- 587.0 Y- 1565.0 Z- 20.0	SUBMERGED	NO AREA FLOODING	REF 1		SAB25 SL2-FSAR TABLE311-1	REF 1		NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): NO											
INSTAL. REF:FV0279	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #								QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1									
QUALIF RETEST *STATUS*	TEMPERATURE	T 55.1									
	PRESSURE	P 55.1									
	REL. HUMDTY	H 55.1									
	CHEM. SPRAY	C 55.1									
	RADIATION	R 55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982								
	AGING	55.1									
	SUBMERGENCE	S 55.1									
PHYS DWG REF: 2998G-393	SAR ENV CAT: D										REVISION # :03
PHYS DWG LOC:	0588 CATEG.: B										DATE :08/30/82
MOUNTING : NOT APPLICABLE	APPENDIX E										SYSTEM :COMPONENT COOLING
EQ PACK # : 55.1											TAG :MV-14-18 SS

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1082

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : MV-14-19	OPERABIL-ITY	40 YRS <500 CYCLS	40 YRS 2000 CYCLS	SL2-FSAR TABLE311-2	LIMITRQ RP T B0058 P.	COMB. TEST &	/	NONE	ACCEL TIME: 100 HRS
	NORM/TEST	UP TO 180	>200 DAYS	OPER.	16,131 APP	EXTRA-			
EQUIPMENT: VALVE OPERATORS	DBA	DY POSTDBA	POST DBA	REVIEW	D REF1,2	POL'N			ACCEL TEMP:
TYPE									180C
	TEMPERAT-URE	85.5F NORM	140F NORM	TAB25A	LMTRQ REPT	COMB.	H	NONE	
COMPONENT: MOTOR OPERATED VALVE		FIG. C-2A	250F>24HR	SL2-FSAR	B0058 APP.	TEST &			REPLACEMENT:
		112F1200HR	FIG.1 OF	TABLE311-1	D P.5	EXTRA-			NOT
		104FDESIGN	REPT.	T393	REF 1,2	POL'N			APPLICABLE
MANUFACTURER: LIMITORQUE CORP									MAINTAIN.:
	PRESSURE	ATMOS NORM	OPSIG NORM	PAB25A	LMTRQ REPT	COMB.	H	NONE	NOT
		FIG. C-2B	25 PSIG	SL2-FSAR	B0058 APP.	TEST &			APPLICABLE
MAJOR SUPPLIER : HENRY PRATT		(ACC. DBA)	FIG. 1 OF	TABLE311-1	D P.1	EXTRA-			SUBCOMPONENTS:
			REPT.	P393	REF 1,2	POL'N			
									NO UNIQUE TAGGED
MODEL AND SERIAL #: LO-SMB-000-2	RELATIVE HUMIDITY	70.0% NORM	100%	HAB25A	LMTRQ REPT	COMB.	/	NONE	SUBCOMPONENTS ARE
		100% 24HRS		SL2-FSAR	B0058 APP.	TEST &			ENVELOPED BY THIS
		72.0%1200H		TABLE311-1	D P.1	EXTRA-			EQUIPMENT
FUNCT.DES: FUEL POOL ISOL & SERVICE CLOSE(R-M)		43% DESIGN		H393	REF 1,2	POL'N			
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	2.04E8 TOTAL INTEGRATED DOSE	RAB25C1 SL2-FSAR TABLE311-1 R393	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 114									
P.O #: 422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB25									ESF
COORDINATES X- 595.0 Y- 1556.0 Z- 25.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): NO									
INSTAL. REF: FV0280	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR	TEMPERATURE T	3.1							
STATUS INTERIM OPERATION	PRESSURE P	3.1							
	REL. HUMDTY H	3.1							
	CHEM. SPRAY C	3.1	REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA.						
	RADIATION R	3.1							
PHYS DWG REF: 2998G-393	AGING	3.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	3.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.1	SAR ENV CAT: D								SYSTEM :COMPONENT COOLING
	0588 CATEG.: A								TAG :MV-14-19
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1083

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM.	ENV. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM.	DOC. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : MV-14-19 SS	OPERABIL-ITY NORM/TEST	40 YEARS + TEST + 180 DAYS POST DBA		REF 1	FSAR TABLE 3.11-2		REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE	DBA	DBA									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN		REF 1	TAB25A SL2-FSAR TABLE311-1 T393		REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)		REF 1	PAB25A SL2-FSAR TABLE311-1 P393		REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE											SUBCOMPONENTS:
MODEL AND SERIAL # : B/M	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN		REF 1	HAB25A SL2-FSAR TABLE311-1 H393		REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED											
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY		REF 1	CAB25 SL2-FSAR TABLE311-1		REF 1	NOT APPLICABLE	M	NONE	
ACCUR. SPEC: NOT APPLICABLE											
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5		REF 1	RAB25C1 SL2-FSAR TABLE311-1 R393		REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:324											
P.O #:422589 CWD # : 0230/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS		REF 1	10CFR50 PARA 50.51		REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB25											
COORDINATES X- 587.0 Y- 1543.0 Z- 20.0	SUBMERGED	NO AREA FLOODING		REF 1	SAB25 SL2-FSAR TABLE311-1		REF 1	NOT APPLICABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): NO											
INSTAL. REF:FV0279	PARA-METER	SUPPL. REVIEW			FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT											
**********	OPERABILITY	55.1									
QUALIF RETEST	TEMPERATURE	T 55.1									
STATUS	PRESSURE	P 55.1									
********	REL. HUMDTY	H 55.1									
*	CHEM. SPRAY	C 55.1									
**********	RADIATION	R 55.1			REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
PHYS DWG REF: 2998G-393	AGING	55.1									REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	SUBMERGENCE	S 55.1									
MOUNTING : NOT APPLICABLE											SYSTEM :COMPONENT COOLING TAG :MV-14-19 SS
EQ PACK # : 55.1	SAR ENV CAT: D										
	0588 CATEG.: B										
	APPENDIX E										

3

A/E: EBASCO SERVICES INC. FACILITY: ST [illegible]CIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVA[illegible]ATION SHEET CAPACITY: 890 MW(E) CES#-1086

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : MV-14-20	OPERABIL-ITY / NORM/TEST / DBA	40 YRS <500 CYCLS UP TO 180 DY POSTDBA	40 YRS 2000 CYCLS >200 DAYS POST DBA	SL2-FSAR TABLE311-2 OPER. REVIEW	LIMITRQ RP T B0058 P. 16,131 APP D REF1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TAB25A SL2-FSAR TABLE311-1 T393	LMTRQ REPT B0058 APP. D P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	0PSIG NORM 25 PSIG FIG. 1 OF REPT.	PAB25A SL2-FSAR TABLE311-1 P393	LMTRQ REPT B0058 APP. D P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP									MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : HENRY PRATT									SUBCOMPONENTS:
MODEL AND SERIAL # : LO-SMB-000-2	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	100%	HAB25A SL2-FSAR TABLE311-1 H393	LMTRQ REPT B0058 APP. D P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: FUEL POOL ISOL & SERVICE CLOSE(R-M)									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	2.04E8 TOTAL INTEGRATED DOSE	RAB25C1 SL2-FSAR TABLE311-1 R393	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 114									
P.O #:422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB25									
COORDINATES X- 595.0 Y- 1557.0 Z- 25.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): NO									
INSTAL. REF: FV0283									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.1
TEMPERATURE T	3.1
PRESSURE P	3.1
REL. HUMDTY H	3.1
CHEM. SPRAY C	3.1
RADIATION R	3.1
AGING	3.1
SUBMERGENCE S	3.1

QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION

PHYS DWG REF: 2998G-393
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.1

SAR ENV CAT: D
0588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA.

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1

REVISION # :03
DATE :08/30/82

SYSTEM :COMPONENT COOLING
TAG :MV-14-20

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1087

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM.	ENV. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM.	DOC. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2		3	4		5	6	7	
TAG NO : MV-14-20 SS	OPERABIL-ITY NORM/TEST	40 YEARS + TEST + 180 DAYS POST DBA	REF 1		FSAR TABLE 3.11-2	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE		DBA							.		ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	REF 1		TAB25A SL2-FSAR TABLE311-1 T393	REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	REF 1		PAB25A SL2-FSAR TABLE311-1 P393	REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE											SUBCOMPONENTS:
MODEL AND SERIAL #: B/M	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	REF 1		HAB25A SL2-FSAR TABLE311-1 H393	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST. 3
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1		CAB25 SL2-FSAR TABLE311-1	REF 1		NOT APPLIC ABLE	M	NONE	
ACCUR. SPEC: NOT APPLICABLE											
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	REF 1		RAB25C1 SL2-FSAR TABLE311-1 R393	REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 324											
P.O #: 422589 CWD # : 0231/	AGE-LIFE (PER 323-1974 DEF.)	40 YRS	REF 1		10CFR50 PARA 50.51	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB25											
COORDINATES X- 587.0 Y- . 1565.0 Z- 20.0	SUBMERGED	NO AREA FLOODING	REF 1		SAB25 SL2-FSAR TABLE311-1	REF 1		NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): NO											
INSTAL. REF: FV0282	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #								QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1									
**********	TEMPERATURE	T 55.1									
QUALIF RETEST	PRESSURE	P 55.1									
STATUS	REL. HUMDTY	H 55.1									
********	CHEM. SPRAY	C 55.1									
*	RADIATION	R 55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK. VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982								
**********	AGING	55.1									
PHYS DWG REF: 2998G-393	SUBMERGENCE	S 55.1									REVISION # :03
PHYS DWG LOC:											DATE :08/30/82
MOUNTING : NOT APPLICABLE	SAR ENV CAT: D										
EQ PACK # : 55.1	0588 CATEG.: B										SYSTEM :COMPONENT COOLING
	APPENDIX E										TAG :MV-14-20 SS

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1092

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : MV-14-9	OPERABIL-ITY /NORM/TEST /DBA	40 YRS <500 CYCLS UP TO 180 DY POSTDBA	40 YRS 2000 CYCLS >200 DAYS POST DBA	SL2-FSAR TABLE311-2 OPER. REVIEW	LIMITRQ RP IT B0058 P. 16,131 APP ID REF1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TAB25C SL2-FSAR TABLE311-1 T393	LMTRQ REPT B0058 APP. ID P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP									MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : HENRY PRATT	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PAB25C SL2-FSAR TABLE311-1 P393	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: LO-SMB-000-2 SERIAL # S/N-245651	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	100%	HAB25C SL2-FSAR TABLE311-1 H393	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE FAN COOLR ISOL OPENS									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	2.04E8 TOTAL INTEGRATED DOSE	RAB25C SL2-FSAR TABLE311-1 R393	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 1,14									
P.O #:422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB25									ESF
COORDINATES X- 606.0 Y- 1511.0 Z- 20.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	SAB25 SL2-FSAR TBL 3.11-1	NOT APPLICABLE	N/A	/	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES INSTAL. REF: FV0285 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
********** *QUALIF* QUALIFIED-FOR *STATUS* INTERIM OPERATION ******** * **********	OPERABILITY TEMPERATURE T PRESSURE P REL. HUMDTY H CHEM. SPRAY C RADIATION R	3.1 3.1 3.1 3.1 3.1 3.1	REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVAT ISM ASSUME THAT VALVE MUST OPE RATE UP TO 180 DAYS POST DBA.						
PHYS DWG REF: 2998G-393 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 3.1	AGING SUBMERGENCE SAR ENV CAT: D 10588 CATEG.: A APPENDIX E	3.1 3.1							REVISION # :03 DATE :08/30/82 SYSTEM :COMPONENT COOLING TAG :MV-14-9

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1093

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : MV-14-9 PB	OPERABIL-ITY NORM/TEST	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE	DBA	DBA							ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	REF 1	TAB25A SL2-FSAR TABLE311-1 T393	REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	REF 1	PAB25A SL2-FSAR TABLE311-1 P393	REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C10-8B	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	REF 1	HAB25A SL2-FSAR TABLE311-1 H393	REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT..FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. RE
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB25 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS &
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	REF 1	RAB25C1 SL2-FSAR TABLE311-1 R393	REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	MOV'S PRIMARILY FOR MAIN. & TEST.
SPECIFICATIONS:324									
P.O #:422589 CWD # : 0220/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB25									
COORDINATES X- 587.0 Y- 1562.0 Z- 20.0	SUBMERGED	NO AREA FLOODING	REF 1	SAB25 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF:FV0284	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1							
**********	TEMPERATURE T	55.1							
QUALIF RETEST	PRESSURE P	55.1							
STATUS	REL. HUMDTY H	55.1							
********	CHEM. SPRAY C	55.1							
*	RADIATION R	55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
**********	AGING	55.1							
PHYS DWG REF: 2998G-393	SUBMERGENCE S	55.1							REVISION # :03 DATE :08/30/82
PHYS DWG LOC:									
MOUNTING : NOT APPLICABLE									SYSTEM :COMPONENT COOLING
EQ PACK # : 55.1	SAR ENV CAT: D								TAG :MV-14-9 PB
	0588 CATEG.: B								
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1148

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PDT-1111D	OPERABIL-ITY	40 YRS CONT	40 YRS CONT	SL2-FSAR TABLE	REP'T R3-764-1	COMB. TEST & EXTRA-	/	NONE	ACCEL TIME: 66 HRS
	NORM/TEST	180 DAYS	>200 DAYS	3.11-2	+	POL'N			
EQUIPMENT: SENSORS	DBA	POST DBA	POST DBA		REVIEW				ACCEL TEMP: 320F
TYPE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM (SEE REF1)	TRB17 SL2-FSAR TABLE311-1 T367	REP'T R3-764-1 PG 56	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INST.MAN
COMPONENT: DIFF'NTL PRESS TRANSMITTER									
MANUFACTURER: ITT BARTON									MAINTAIN.: SEE INST.MAN
MAJOR : CE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM (SEE REF1)	PRB17 SL2-FSAR TABLE311-1 P367	REP'T R3-764-1 PG 52	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: 764 SERIAL # 1522	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	70% NORM 100% (ACC DBA)	HRB17 SL2-FSAR TABLE311-1 H367	SEE SRS# H8.2 REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: STM GEN 2A & SERVICE DIFF PRESS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB17 SL2-FSAR TABLE311-1 C367	REP'T R3-764-1 PG 6	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: 0.5%	R 2 HR	7.4E7 5.8E6		RRB17	REP'T	COMB.	H	NONE	
ACCUR. DEM.: 0.5%	A 30 D	1.3E8 1.4E7		SL2-FSAR	R3-764-1	TEST &			
	D 1 YR	1.6E8 1.5E7	1.0E8 RADS	TABLE311-1	PG 15	EXTRA-			
	. 40YR/RW	7.0E5 3.1E6	TID	R367		POL'N			
SPECIFICATIONS:47	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	>40 YRS	10CFR50 PARA 50.51	REP'T R3-764-1 PG 14	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
P.O #:070509 CWD # : /									
PLANT LOC.: RB17									
COORDINATES X- 725.0 Y- 1486.0 Z- 62.0	SUBMERGED	NO AREA FLOODING	QUALIFIED FOR SUBMERGENC	SRB17 SL2-FSAR TABLE311-1 S367	SEE SRS S8.2	COMB. TEST & EXTRA- POL'N	H	NONE	PAM
INSTALLED (Y/N): YES									AUTH. REFERENCE: CE-ML
INSTAL. REF: FV0289	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:8.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.2							
**********	TEMPERATURE T	8.2							
QUALIF RETEST	PRESSURE P	8.2							
STATUS	REL. HUMDTY H	8.2							
********	CHEM. SPRAY C	8.2							
*	RADIATION R	8.2	REFERENCES: 1.ENVLPS SPECIFIED PROFILE (SEE SRS T8.2+P8.2)						
**********	AGING	8.2	2.CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE +PRE-QUAL REPORT PER 323-1974						
PHYS DWG REF: 2998G-367	SUBMERGENCE S	8.2							REVISION # :03 DATE :08/30/82
PHYS DWG LOC:									
MOUNTING : IR 55-2									SYSTEM :REACTOR COOLANT
EQ PACK # : 8.2	SAR ENV CAT: A								TAG :PDT-1111D
	0588 CATEG.: A								
	APPENDIX E								

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1149

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : PDT-1121A	OPERABIL-ITY	40 YRS CONT	40 YRS CONT	SL2-FSAR TABLE	REP'T R3-764-1	COMB. TEST &	/	NONE	ACCEL TIME: 66 HRS
EQUIPMENT: SENSORS TYPE	NORM/TEST DBA	180 DAYS POST DBA	>200 DAYS POST DBA	3.11-2	+ REVIEW	EXTRA- POL'N			ACCEL TEMP: 320F
COMPONENT: DIFF'NTL PRESS TRANSMITTER	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM (SEE REF1)	TRB17 SL2-FSAR TABLE311-1 T367	REP'T R3-764-1 PG 56	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INST.MAN
MANUFACTURER: ITT BARTON	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM (SEE REF1)	PRB17 SL2-FSAR TABLE311-1 P367	REP'T R3-764-1 PG 52	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: SEE INST.MAN
MAJOR SUPPLIER : CE									SUBCOMPONENTS:
MODEL AND SERIAL # : 764 1523	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	70% NORM 100% (ACC DBA)	HRB17 SL2-FSAR TABLE311-1 H367	SEE SRS# H8.2 REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE STM GEN 2B DIFF PRESS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB17 SL2-FSAR TABLE311-1 C367	REP'T R3-764-1 PG 6	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: 0.5%	R A D .	2 HR 7.4E7 5.8E6 30 D 1.3E8 1.4E7 1 YR 1.6E8 1.5E7 40YR/RW 7.0E5 3.1E6	1.0E8 RADS TID	RRB17 SL2-FSAR TABLE311-1 R367	REP'T R3-764-1 PG 15	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. DEM.: 0.5%									
SPECIFICATIONS: 47	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	>40 YRS	10CFR50 PARA 50.51	REP'T R3-764-1 PG 14	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
P.O #: 070509 CWD # : /									
PLANT LOC.: RB17	SUBMERGED	NO AREA FLOODING	QUALIFIED FOR SUBMERGENC	SRB17 SL2-FSAR TABLE311-1 S367	SEE SRS S8.2	COMB. TEST & EXTRA- POL'N	H	NONE	PAM
COORDINATES X- 643.0 Y- 1514.0 Z- 62.0									AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): YES									

INSTAL. REF: FV0290
QUALIF EXEMPTN: NOT APPLIC

PARA-METER	SUPPL. REVIEW
OPERABILITY	8.2
TEMPERATURE T	8.2
PRESSURE P	8.2
REL. HUMDTY H	8.2
CHEM. SPRAY C	8.2
RADIATION R	8.2
AGING	8.2
SUBMERGENCE S	8.2

QUALIF RETEST
STATUS
****

PHYS DWG REF: 2998G-367
PHYS DWG LOC:
MOUNTING : IR 56-1A
EQ PACK # : 8.2

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1. ENVLPS SPECIFIED PROFILE (SEE SRS T8.2+P8.2)
2. CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE +PRE-QUAL REPORT PER 323-1974

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 8.2

REVISION # : 03
DATE : 08/30/82

SYSTEM : REACTOR COOLANT
TAG : PDT-1121A

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1150

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PDT-1121B	OPERABIL-ITY	40 YRS CONT 180 DAYS POST DBA	40 YRS CONT >200 DAYS POST DBA	SL2-FSAR TABLE 3.11-2	REP'T R3-764-1 + REVIEW	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 66 HRS
EQUIPMENT: SENSORS	NORM/TEST DBA								ACCEL TEMP: 320F
TYPE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM (SEE REF1)	TRB17 SL2-FSAR TABLE311-1 T367	REP'T R3-764-1 PG 56	COMB. TEST & EXTRA- POL'N	H	NONE	
COMPONENT: DIFF'NTL PRESS TRANSMITTER									REPLACEMENT: SEE INST.MAN
MANUFACTURER: ITT BARTON	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM (SEE REF1)	PRB17 SL2-FSAR TABLE311-1 P367	REP'T R3-764-1 PG 52	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: SEE INST.MAN
MAJOR SUPPLIER : CE									SUBCOMPONENTS:
MODEL AND SERIAL # : 764 1524	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	70% NORM 100% (ACC DBA)	HRB17 SL2-FSAR TABLE311-1 H367	SEE SRS# H8.2 REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE STM GEN 2B DIFF PRESS									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB17 SL2-FSAR TABLE311-1 C367	REP'T R3-764-1 PG 6	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: 0.5%									
ACCUR. DEM.: 0.5%	R 2 HR A 30 D D 1 YR . 40YR/RW	7.4E7 5.8E6 1.3E8 1.4E7 1.6E8 1.5E7 7.0E5 3.1E6	1.0E8 RADS TID	RRB17 SL2-FSAR TABLE311-1 R367	REP'T R3-764-1 PG 15	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 47									
P.O #: 070509 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	>40 YRS	10CFR50 PARA-50.51	REP'T R3-764-1 PG 14	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB17									
COORDINATES X- 648.0 Y- 1486.0 Z- 62.0	SUBMERGED	NO AREA FLOODING	QUALIFIED FOR SUBMERGENC	SRB17 SL2-FSAR TABLE311-1 S367	SEE SRS S8.2	COMB. TEST & EXTRA- POL'N	H	NONE	PAM AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): YES									
INSTAL. REF: FV0291	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4.-TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 8.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.2							
QUALIF RETEST *STATUS*	TEMPERATURE T	8.2							
	PRESSURE P	8.2							
	REL. HUMDTY H	8.2							
	CHEM. SPRAY C	8.2							
	RADIATION R	8.2							
PHYS DWG REF: 2998G-367	AGING	8.2							REVISION # : 03
PHYS DWG LOC:	SUBMERGENCE S	8.2							DATE : 08/30/82
MOUNTING : IR 55-3									SYSTEM : REACTOR COOLANT
EQ PACK # : 8.2	SAR ENV CAT: A								TAG : PDT-1121B
	0588 CATEG.: A								
	APPENDIX E								

REFERENCES: 1. ENVLPS SPECIFIED PROFILE (SEE SRS T8.2+P8.2)
2. CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE +PRE-QUAL REPORT PER 323-1974

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1151

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PDT-1121C	OPERABIL-ITY	40 YRS CONT	40 YRS CONT	SL2-FSAR TABLE	REP'T R3-764-1	COMB. TEST &	/	NONE	ACCEL TIME: 66 HRS
	NORM/TEST	180 DAYS	>200 DAYS	3.11-2	+	EXTRA-			
EQUIPMENT: SENSORS	DBA	POST DBA	POST DBA		REVIEW	POL'N			ACCEL TEMP:
TYPE									320F
	TEMPERAT-URE	115F NORM	120F NORM	TRB17	REP'T	COMB.	H	NONE	
COMPONENT: DIFF'NTL PRESS TRANSMITTER		FIG. 10 (ACC. DBA) 119FDESIGN	(SEE REF1)	SL2-FSAR TABLE311-1 T367	R3-764-1 PG 56	TEST & EXTRA- POL'N			REPLACEMENT: SEE INST.MAN
MANUFACTURER: ITT BARTON									MAINTAIN.:
	PRESSURE	OPSIG NORM	OPSIG NORM	PRB17	REP'T	COMB.	H	NONE	SEE INST.MAN
MAJOR : CE		FIG. 9 (ACC. DBA)	(SEE REF1)	SL2-FSAR TABLE311-1 P367	R3-764-1 PG 52	TEST & EXTRA- POL'N			SUBCOMPONENTS:
SUPPLIER									
MODEL AND: 764	RELATIVE HUMIDITY	45 TO 100%	70% NORM	HRB17	SEE SRS#	COMB.	/	NONE	NO UNIQUE TAGGED
SERIAL # 1525		100% (ACC. DBA)	100% (ACC DBA)	SL2-FSAR TABLE311-1 H367	H8.2 REF. 1	TEST & EXTRA- POL'N			SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: STM GEN 2B & SERVICE DIFF PRESS									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ	3000 PPM BORON	CRB17 SL2-FSAR TABLE311-1	REP'T R3-764-1 PG 6	COMB. TEST & EXTRA-	H	NONE	
ACCUR. SPEC: 0.5%		PH 4.9-7.0	PH 10.5	C367		POL'N			
	R 2 HR	7.4E7 5.8E6		RRB17	REP'T	COMB.	H	NONE	
ACCUR. DEM.: 0.5%	A 30 D	1.3E8 1.4E7		SL2-FSAR	R3-764-1	TEST &			
	D 1 YR	1.6E8 1.5E7	1.0E8 RADS	TABLE311-1	PG 15	EXTRA-			
	. 40YR/RW	7.0E5 3.1E6	TID	R367		POL'N			
SPECIFICATIONS: 47									
	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	>40 YRS	10CFR50 PARA 50.51	REP'T R3-764-1 PG 14	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
P.O #: 070509 CWD # : /									ESF
PLANT LOC.: RB17									
	SUBMERGED	NO	QUALIFIED	SRB17	SEE SRS	COMB.	H	NONE	PAM
COORDINATES X- 648.0		AREA	FOR	SL2-FSAR	S8.2	TEST &			
Y- 1514.0		FLOODING	SUBMERGENC	TABLE311-1		EXTRA-			AUTH. REFERENCE:
Z- 62.0				S367		POL'N			CE-ML
INSTALLED (Y/N): YES									
INSTAL. REF: FV0292	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #					QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 8.2	
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.2							
**********	TEMPERATURE T	8.2							
QUALIF RETEST	PRESSURE P	8.2							
STATUS	REL. HUMDTY H	8.2							
********	CHEM. SPRAY C	8.2							
*	RADIATION R	8.2	REFERENCES: 1.ENVLPS SPECIFIED PROFILE (SEE SRS T8.2+P8.2)						
**********	AGING	8.2	2.CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE +PRE-QUAL REPORT PER 323-1974						
PHYS DWG REF: 2998G-367	SUBMERGENCE S	8.2						REVISION # :03	
PHYS DWG LOC:								DATE :08/30/82	
MOUNTING : IR 55-4									
EQ PACK # : 8.2	SAR ENV CAT: A							SYSTEM :REACTOR COOLANT	
	0588 CATEG.: A							TAG :PDT-1121C	
	APPENDIX E								

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1152

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PDT-1121D	OPERABIL-ITY	40 YRS CONT 180 DAYS POST DBA	40 YRS CONT >200 DAYS POST DBA	SL2-FSAR TABLE 3.11-2	REP'T R3-764-1 + REVIEW	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 66 HRS
EQUIPMENT: SENSORS	NORM/TEST DBA								
TYPE									ACCEL TEMP: 320F
COMPONENT: DIFF'NTL PRESS TRANSMITTER	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM (SEE REF1)	TRB17 SL2-FSAR TABLE311-1 T367	REP'T R3-764-1 PG 56	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INST.MAN 3
MANUFACTURER: ITT BARTON									
MAJOR SUPPLIER : CE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM (SEE REF1)	PRB17 SL2-FSAR TABLE311-1 P367	REP'T R3-764-1 PG 52	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: SEE INST.MAN
MODEL AND SERIAL #: 764 1547	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	70% NORM 100% (ACC DBA)	HRB17 SL2-FSAR TABLE311-1 H367	SEE SRS# H8.2 REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE STEAM GEN 2B DIFF PRESS									
ACCUR. SPEC: 0.5%	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB17 SL2-FSAR TABLE311-1 C367	REP'T R3-764-1 PG 6	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. DEM.: 0.5%	R 2 HR A 30 D D 1 YR . 40YR/RW	7.4E7 5.8E6 1.3E8 1.4E7 1.6E8 1.5E7 7.0E5 3.1E6	1.0E8 RADS TID	RRB17 SL2-FSAR TABLE311-1 R367	REP'T R3-764-1 PG 15	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 47									
P.O #: 070509 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	>40 YRS	10CFR50 PARA 50.51	REP'T R3-764-1 PG 14	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB17									
COORDINATES X- 636.0 Y- 1486.0 Z- 62.0	SUBMERGED	NO AREA FLOODING	QUALIFIED FOR SUBMERGENC	SRB17 SL2-FSAR TABLE311-1 S367	SEE SRS S8.2	COMB. TEST & EXTRA- POL'N	H	NONE	PAM AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): YES									
INSTAL. REF: FV0293									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	8.2
TEMPERATURE T	8.2
PRESSURE P	8.2
REL. HUMDTY H	8.2
CHEM. SPRAY C	8.2
RADIATION R	8.2
AGING	8.2
SUBMERGENCE S	8.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 8.2 3

QUALIF RETEST
STATUS
****
*
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REFERENCES:
1. ENVLPS SPECIFIED PROFILE (SEE SRS T8.2+P8.2)
2. CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE +PRE-QUAL REPORT PER 323-1974

PHYS DWG REF: 2998G-367
PHYS DWG LOC:
MOUNTING : IR 56-2A
EQ PACK # : 8.2

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

REVISION # :03
DATE :08/30/82

SYSTEM :REACTOR COOLANT
TAG :PDT-1121D

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1157

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PDT-25-14A	OPERABIL-ITY	40 YEARS CONT 180 DYS POST	40 YEARS >200 DAYS POST DBA	FSAR TABLE 3.11-2	RSMNT LTTR OF 8/13/81 SUPPL RSMT	COMB. TEST & EXTRA-	/	NONE	ACCEL TIME: 47 DAYS
EQUIPMENT: SENSORS TYPE	NORM/TEST DBA	DBA			REP108025	POL'N			ACCEL TEMP: 203F
COMPONENT: DIFF. PRESSURE TRANSMITTER	TEMPERATURE	90.OF NORM 117F1200HR 109FDESIGN	110F NORM 140F1200HR 130FDESIGN	TAB27B SL2-FSAR TABLE311-1 T395	ROSEMOUNT REPORT NO. 108025 PAGE 42	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: RSMT PROC 1802 P.47,48
MANUFACTURER: ROSEMOUNT									MAINTAIN.:
MAJOR : NOT SUPPLIER APPLICABLE	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS.NORM 73 PSIG. (ACC. DBA) >SL2 REQ.	PAB27 SL2-FSAR TABLE311-1 P394	ROSEMOUNT REPORT NO. 108025 PAGE 42	COMB. TEST & EXTRA- POL'N	M	NONE	SAME AS ABOV SUBCOMPONENTS:
MODEL AND: 1153DB3/ SERIAL # 333416	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	100%	HAB27B SL2-FSAR TABLE311-1 H395	ROSEMOUNT REPORT NO. 108025 PAGE 22	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1)WEAK LINK COMPONENT PER ARRHENIUS "END PNT 2)IEEE-323-74, ISA STANDARDS,EPRI
FUNCT.DES: 2HVE-6A & SERVICE CHARCOAL ABSOR BER DIFF PRESS	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB27 SL2-FSAR TABLE311-1 C	NOT APPLICABLE	NOT AP PLICAB LE	M	NONE	NP1558 USED FOR QUALIFICATION.
ACCUR. SPEC: TO .25%									
ACCUR. DEM.: TO .25%	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	2.2E7 RADS INTEGRATED DOSE	RAB27K SL2-FSAR TABLE311-1 R395	ROSEMOUNT REPORT NO. 108025 P.40	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 138									
P.O #:422582 CWD # : 1165/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS SEE NOTE 1	10CFR 50 PARA 50.51 PAGE 374	ROSEMOUNT REPORT NO. 108025 PAGE 34	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB27									
COORDINATES X- 582.0 Y- 1529.0 Z- 43.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB27 SL2-FSAR TABLE311-1 S	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): NO									
INSTAL. REF:FV0294	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:8.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.1							
QUALIF QUALIFIED	TEMPERATURE T	8.1							
STATUS	PRESSURE P	8.1							
	REL. HUMDTY H	8.1							
*	CHEM. SPRAY C	8.1	REFERENCES: ROSEMOUNT REPORT NO 108025. ROSEMOUNT PROCEDURE 57820. REV D,ROSEMONT REPORT 108026 VOL 5.1 AND 2,ROSEMOUNT LETTER DATED 08-13-81						3
	RADIATION R	8.1							
PHYS DWG REF: 2998G-395	AGING	8.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	8.1							DATE :08/30/82
MOUNTING : IR 82-1									
EQ PACK # : 8.1	SAR ENV CAT: D								SYSTEM :SHIELD BLDG. VENT
	10588 CATEG.: A								TAG :PDT-25-14A
	APPENDIX E								

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1158

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PDT-25-14B	OPERABIL-ITY	40 YEARS CONT 180 DYS POST	40 YEARS >200 DAYS POST DBA	FSAR TABLE 3.11-2	RSMNT LTTR OF 8/13/81 SUPPL RSMT REP108025	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 47 DAYS
EQUIPMENT: SENSORS	NORM/TEST	DBA	DBA						
TYPE	DBA	DBA							ACCEL TEMP: 203F
COMPONENT: DIFF PRESS TRANSMITTER	TEMPERAT-URE	90.0F NORM	110F NORM 140F1200HR	TAB27B SL2-FSAR TABLE311-1	ROSEMOUNT REPORT NO. 108025	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: RSMT PROC 1802 P.47,48
		117F1200HR 109FDESIGN	130FDESIGN	T395	PAGE 42				
MANUFACTURER: ROSEMOUNT									MAINTAIN.:
	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS.NORM 73 PSIG. (ACC. DBA) >SL2 REQ.	PAB27 SL2-FSAR TABLE311-1	ROSEMOUNT REPORT NO. 108025	COMB. TEST & EXTRA- POL'N	M	NONE	SAME AS ABOV 3
MAJOR SUPPLIER : NOT APPLICABLE				P394	PAGE 42				SUBCOMPONENTS:
MODEL AND: 1153DB3/ SERIAL # 333415	RELATIVE HUMIDITY	60.0% NORM	100%	HAB27B SL2-FSAR TABLE311-1	ROSEMOUNT REPORT NO. 108025	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1)WEAK LINK COMPONENT PER ARRHENIUS "END PNT
		62.0%1200H 39% DESIGN		H395	PAGE 22				2)IEEE-323-74, ISA STANDARDS,EPRI
FUNCT.DES: TRANSMIT CHAR- & SERVICE COAL ABSORBER PRESSURE DROP									NP1558 USED FOR
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLICABLE	M	NONE	QUALIFICATION.
ACCUR. SPEC: TO .25%									
ACCUR. DEM.: TO .25%	R 2 HR	810 1.0E5	2.2E7 RADS INTEGRATED DOSE	RAB27K SL2-FSAR TABLE311-1	ROSEMOUNT REPORT NO. 108025	COMB. TEST & EXTRA- POL'N	H	NONE	
	A 30 D	7.4E5 6.6E6							
	D 1 YR	1.1E6 6.6E6							
	. 40YR/RW	2.0E4 6.6E6		R395	P.40				
SPECIFICATIONS: 138									
P.O #:422582 CWD # : 1165/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS SEE NOTE 1	10CFR50 PARA 50.51	ROSEMOUNT REPORT NO. 108025 PAGE 34	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB27									
COORDINATES X- 582.0 Y- 1515.0 Z- 43.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): NO									
INSTAL. REF:FV0295	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION 3
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	8.1							PACKAGE:8.1
QUALIF QUALIFIED	TEMPERATURE T	8.1							
STATUS	PRESSURE P	8.1							
********	REL. HUMDTY H	8.1							
*	CHEM. SPRAY C	8.1							
**********	RADIATION R	8.1	REFERENCES: ROSEMOUNT REPORT NO 108025. ROSEMOUNT PROCEDURE 57820, REV D,ROSEMONT REPORT 108026 VOL 5.1 AND 2,ROSEMOUNT LETTER DATED 08-13-81						
PHYS DWG REF: 2998G-395	AGING	8.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	8.1							DATE :08/30/82
MOUNTING : IR 82-2									
EQ PACK # : 8.1	SAR ENV CAT: D								SYSTEM :SHIELD BLDG. VENT
	10588 CATEG.: A								TAG :PDT-25-14B
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1189

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PENET B4	OPERABIL-ITY /NORM/TEST /DBA	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS									ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP									MAINTAIN.:
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND SERIAL # : 7310 SERIES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE SEALED CONDUCT CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1460.00 Z- 33.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0306	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.1							
QUALIF -RETEST	TEMPERATURE T	15.1							
STATUS	PRESSURE P	15.1							
********	REL. HUMDTY H	15.1							
*	CHEM. SPRAY C	15.1	REFERENCES:	QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-IPS-585.3, IPS-585.4, IPS-585.2					
	RADIATION R	15.1							
PHYS DWG REF: 2998G-365	AGING	15.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	15.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.1	SAR ENV CAT: A								SYSTEM :PENETRATIONS
	0588 CATEG.: A								
	APPENDIX E								TAG :PENET B4

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1190

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PENET B7	OPERABIL-ITY	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS	NORM/TEST DBA								ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND SERIAL #: 7310 SERIES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: & SERVICE: SEALED CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	2.0E6 2.9E7 3.5E7 6.0E4	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1470.00 Z- 33.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0309	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.1							
**********	TEMPERATURE T	15.1							
QUALIF RETEST	PRESSURE P	15.1							
STATUS	REL. HUMDTY H	15.1							
********	CHEM. SPRAY C	15.1							
*	RADIATION R	15.1	REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-IPS-585.3, IPS-585.4, IPS-585.2						
**********	AGING	15.1							
PHYS DWG REF: 2998G-365	SUBMERGENCE S	15.1							REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : NOT APPLICABLE	SAR ENV CAT: A								
EQ PACK # : 15.1	10588 CATEG.: A								SYSTEM :PENETRATIONS
	APPENDIX E								TAG :PENET B7

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1192

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PENET C7	OPERABIL-ITY /NORM/TEST /DBA	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS /POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	/DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM /EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	/DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS									REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM /EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	/DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL #: 7310 SERIES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	/CONAX REPT /#IPS353.10 /PG.20 /SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE SEALED CONDUCTORS THROUGH CONTAINMENT									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. /PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	/DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 /TOTAL /INTEGRATED /DOSE	RRB15B SL2-FSAR TABLE311-1 R365	/DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	/DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1470.00 Z- 30.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT /APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT /APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0319	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.1							
QUALIF RETEST *STATUS* ******** *	*TEMPERATURE T *PRESSURE P *REL. HUMDTY H *CHEM. SPRAY C	15.1 15.1 15.1 15.1							
	RADIATION	R 15.1	REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-IPS-585.3, IPS-585.4, IPS-585.2						
PHYS DWG REF: 2998G-365	AGING	15.1							
PHYS DWG LOC:	SUBMERGENCE S	15.1							REVISION # :03 DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.1	SAR ENV CAT: A 0588 CATEG.: A APPENDIX E								SYSTEM :PENETRATIONS TAG :PENET C7

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1193

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PENET D3	OPERABILITY NORM/TEST DBA	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP									MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND: SERIAL # 7310 SERIES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE SEALED CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1457.00 Z- 27.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0325	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	15.1							
	PRESSURE P	15.1							
	REL. HUMDTY H	15.1							
	CHEM. SPRAY C	15.1	REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-IPS-585.3, IPS-585.4, IPS-585.2						
	RADIATION R	15.1							
	AGING	15.1							
PHYS DWG REF: 2998G-365	SUBMERGENCE S	15.1							REVISION # : 03
PHYS DWG LOC:									DATE : 08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.1	SAR ENV CAT: A								SYSTEM : PENETRATIONS
	0588 CATEG.: A								
	APPENDIX E								TAG : PENET D3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1194

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PENET E6	OPERABIL-ITY	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS	NORM/TEST DBA								ACCEL TEMP: 320F/250F
	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
COMPONENT: ELECTRICAL PENETRATIONS									REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP									MAINTAIN.: NOT APPLICABLE
MAJOR : NOT APPLICABLE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: 7310 SERIES SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	REF.2:NEW CONAX TEST REPORT(IPS-850) JUST RECEIVED AND UNDER REVIEW BY EBASCO.COMMENTS TO VENDOR ARE IN PROGRESS
FUNCT.DES: SEALED & SERVICE CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA. 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1467.00 Z- 24.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0339	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.1							
QUALIF RETEST	TEMPERATURE T	15.1							
STATUS	PRESSURE P	15.1							
********	REL. HUMDTY H	15.1							
*	CHEM. SPRAY C	15.1	REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-IPS-585.3, IPS-585.4, IPS-585.2 2 SEE SUBCOMPONENTS						
	RADIATION R	15.1							
PHYS DWG REF: 2998G-365	AGING	15.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	15.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.1	SAR ENV CAT: A								SYSTEM :PENETRATIONS
	0588 CATEG.: A								
	APPENDIX E								TAG :PENET E6

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1306

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PT-07-2A	OPERABIL-ITY	40YRS CONT 180 DAYS POST DBA	40 YEARS >200 DAYS POST DBA	FSAR TABLE 3.11-2	RSMNT LTTR OF 8/13/81 SUPPL RSMT REP108025	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 47 DAYS
EQUIPMENT: SENSORS	NORM/TEST DBA								ACCEL TEMP: 203F
TYPE	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	110F NORM 140F1200HR 130FDESIGN	TAB25L SL2-FSAR TABLE311-1 T374	ROSEMOUNT REPORT NO. 108025 PAGE 42	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: RSMT.PROC 1802 P47,48
COMPONENT: PRESSURE TRANSMITTER	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS.NORM 73 PSIG. (ACC. DBA) >SL2 REQ.	PAB25 SL2-FSAR TABLE311-1 P392	ROSEMOUNT REPORT NO. 108025 PAGE 42	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: SAME AS ABOV
MANUFACTURER: ROSEMOUNT									SUBCOMPONENTS:
MAJOR SUPPLIER : NOT APPLICABLE	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 43% DESIGN	100%	HAB25L SL2-FSAR TABLE311-1 H374	ROSEMOUNT REPORT NO. 108025 PAGE 22	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1)WEAK LINK COMPONENT PER ARRHENIUS "END PNT 2)IEEE-323-74, ISA STANDARDS,EPRI NP1558 USED FOR QUALIFICATION.
MODEL AND SERIAL # : 1153DB5									
FUNCT.DES: & SERVICE CONTAINMENT PRESSURE FLUID-AIR(100% HUMIDITY)^	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLICAB LE	M	NONE	
ACCUR. SPEC: TO .25%									
ACCUR. DEM.: TO .25%	R 2 HR A 30 D D 1 YR . 40YR/RW	185 5.0E4 2.3E5 2.9E5 3.6E5 4.0E5 4.0E4 2.5E5	2.2E7 RADS INTEGRATED DOSE	RAB25B SL2-FSAR TABLE311-1 R392	ROSEMOUNT REPORT NO. 108025 PAGE 22	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 138									
P.O #:422582 CWD # : 293 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YEARS SEE NOTE 1	10CFR50 PARA 50.51	ROSEMOUNT REPORT NO. 108025 PAGE 34	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC: AB25									
COORDINATES X- 610.0 Y- 1480.0 Z- 20.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLIC ABLE	H	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): NO									
INSTAL. REF:FV0055									
QUALIF EXEMPTN: NOT APPLIC									

PARA-METER	SUPPL. REVIEW
OPERABILITY	8.1
TEMPERATURE T	8.1
PRESSURE P	8.1
REL. HUMDTY H	8.1
CHEM. SPRAY C	8.1
RADIATION R	8.1
AGING	8.1
SUBMERGENCE	8.1

SAR ENV CAT: E
0588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: ROSEMOUNT REPORT NO 108025, ROSEMOUNT PROCEDURE 57820, REV D,ROSEMONT REPORT 108026 VOL 5.1 AND 2,ROSEMOUNT LETTER DATED 08-13-81

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:8.1

REVISION # :03
DATE :08/30/82

SYSTEM :CONTAINMENT SPRAY
TAG :PT-07-2A

QUALIF QUALIFIED
STATUS

PHYS DWG REF: 2998G-374
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 8.1

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1307

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PT-07-28	OPERABIL-ITY NORM/TEST DBA	40YRS CONT >24 HRS POST DBA	40 YEARS >27 HRS. POST DBA	FSAR TABLE 3.11-2	RSMNT LTTR OF 8/13/81 SUPPL RSMT REP108025	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 47 DAYS
EQUIPMENT: SENSORS TYPE									ACCEL TEMP: 203F
COMPONENT: PRESSURE TRANSMITTER	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	110F NORM 140F1200HR 130FDESIGN	TAB25L SL2-FSAR TABLE311-1 T374	ROSEMOUNT REPORT NO. 108025 PAGE 42	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: RSMT. PROC 1802 P47,48
MANUFACTURER: ROSEMOUNT									MAINTAIN.: SAME AS ABOV
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS.NORM 73 PSIG. (ACC. DBA) >SL2 REQ.	PAB25 SL2-FSAR TABLE311-1 P392	ROSEMOUNT REPORT NO. 108025 PAGE 42	COMB. TEST & EXTRA- POL'N	M	NONE	SUBCOMPONENTS:
MODEL AND SERIAL # : 1153DB5	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 43% DESIGN	100%	HAB25L SL2-FSAR TABLE311-1 H374	ROSEMOUNT REPORT NO. 108025 PAGE 22	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1)WEAK LINK COMPONENT PER ARRHENIUS "END PNT 2)IEEE-323-74, ISA STANDARDS,EPRI NP1558 USED FOR QUALIFICATION.
FUNCT.DES: & SERVICE CONTAINMENT PRESSURE FLUID-AIR(100% HUMIDITY)	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT AP PLICAB LE	M	NONE	
ACCUR. SPEC: TO .25%									
ACCUR. DEM.: TO .25%	R 2 HR A 30 D D 1 YR . 40YR/RW	185 5.0E4 2.3E5 2.9E5 3.6E5 4.0E5 4.0E4 2.5E5	2.2E7 RADS INTEGRATED DOSE	RAB25B SL2-FSAR TABLE311-1 R392	ROSEMOUNT REPORT NO. 108025	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 138									
P.O #:422582 CWD # : 294 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YEARS SEE NOTE 1	10CFR50 PARA 50.51	ROSEMOUNT REPORT NO. 108025 PAGE 34	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB25									
COORDINATES X- 610.0 Y- 1480.0 Z- 20.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLIC ABLE	H	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): NO									
INSTAL. REF: FV0056									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	8.1
TEMPERATURE T	8.1
PRESSURE P	8.1
REL. HUMDTY H	8.1
CHEM. SPRAY C	8.1
RADIATION R	8.1
AGING	8.1
SUBMERGENCE	8.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:8.1

****
QUALIF QUALIFIED
STATUS
****
*
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REFERENCES: ROSEMOUNT REPORT NO 108025. ROSEMOUNT PROCEDURE 57820, REV D.ROSEMONT REPORT 108026 VOL 5.1 AND 2.ROSEMOUNT LETTER DATED 08-13-81

PHYS DWG REF: 2998G-374
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 8.1

SAR ENV CAT: E
10588 CATEG.: A
APPENDIX E

REVISION # :03
DATE :08/30/82

SYSTEM :CONTAINMENT SPRAY
TAG :PT-07-28

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1308

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PT-07-2C	OPERABIL-ITY	40YRS CONT >24 HRS POST DBA	40 YEARS >27 HRS. POST DBA	FSAR TABLE 3.11-2	RSMNT LTTR OF 8/13/81 SUPPL RSMT REP108025	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 47 DAYS
EQUIPMENT: SENSORS TYPE	NORM/TEST DBA								ACCEL TEMP: 203F
COMPONENT: PRESSURE TRANSMITTER	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	110F NORM 140F1200HR 130FDESIGN	TAB25L SL2-FSAR TABLE311-1 T374	ROSEMOUNT REPORT NO. 108025 PAGE 42	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: RSMT PROC 1802 P47,48
MANUFACTURER:ROSEMOUNT									MAINTAIN.: SAME AS ABOV
MAJOR : NOT APPLICABLE SUPPLIER	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS.NORM 73 PSIG. (ACC. DBA) >SL2 REQ.	PAB25 SL2-FSAR TABLE311-1 P392	ROSEMOUNT REPORT NO. 108025 PAGE 42	COMB. TEST & EXTRA- POL'N	M	NONE	SUBCOMPONENTS:
MODEL AND: 1153DB5 SERIAL #	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 43% DESIGN	100%	HAB25L SL2-FSAR TABLE311-1 H374	ROSEMOUNT REPORT NO. 108025 PAGE 22	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1)WEAK LINK COMPONENT PER ARRHENIUS "END PNT 2)IEEE-323-74. ISA STANDARDS,EPRI NP1558 USED FOR QUALIFICATION.
FUNCT.DES: & SERVICE CONTAINMENT PRESSURE FLUID-AIR(100% HUMIDITY)	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT AP PLICAB LE	M	NONE	
ACCUR. SPEC: TO .25%									
ACCUR. DEM.: TO .25%	R 2 HR A 30 D D 1 YR . 40YR/RW	185 5.0E4 2.3E5 2.9E5 3.6E5 4.0E5 4.0E4 2.5E5	2.2E7 RADS INTEGRATED DOSE	RAB25B SL2-FSAR TABLE311-1 R392	ROSEMOUNT REPORT NO. 108025	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS:138									
P.O #:422582 CWD # : 295 / PLANT LOC.: AB25	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YEARS SEE NOTE 1	10CFR50 PARA 50.51	ROSEMOUNT REPORT NO. 108025 PAGE 34	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
COORDINATES X- 610.0 Y- 1480.0 Z- 20.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	SAB25 SL2-FSAR TBL 3.11-1	NOT APPLICABLE	NOT APPLIC ABLE	H	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): NO									
INSTAL. REF:FV0057 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:8.1
********** *QUALIF* QUALIFIED *STATUS* ******** * **********	OPERABILITY TEMPERATURE T PRESSURE P REL. HUMDTY H CHEM. SPRAY C RADIATION R	8.1 8.1 8.1 8.1 8.1 8.1							
PHYS DWG REF: 2998G-374 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 8.1	AGING SUBMERGENCE SAR ENV CAT: E 10588 CATEG.: A APPENDIX E	8.1 8.1	REFERENCES: ROSEMOUNT REPORT NO 108025, ROSEMOUNT PROCEDURE 57820, REV D,ROSEMONT REPORT 108026 VOL 5.1 AND 2,ROSEMOUNT LETTER DATED 08-13-81						REVISION # :03 DATE :08/30/82 SYSTEM :CONTAINMENT SPRAY TAG :PT-07-2C

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1309

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PT-07-2D	OPERABIL-ITY /NORM/TEST /DBA	40YRS CONT >24 HRS POST DBA	40 YEARS >27 HRS. POST DBA	FSAR TABLE 3.11-2	RSMNT LTTR OF 8/13/81 SUPPL RSMT REP108025	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 47 DAYS
EQUIPMENT: SENSORS TYPE									ACCEL TEMP: 203F
COMPONENT: PRESSURE TRANSMITTER	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	110F NORM 140F1200HR 130FDESIGN	TAB25L SL2-FSAR TABLE311-1 T374	ROSEMOUNT REPORT NO. 108025 PAGE 42	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: RSMT PROC 1802 P.47,48
MANUFACTURER: ROSEMOUNT									MAINTAIN.:
MAJOR : NOT APPLICABLE SUPPLIER	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS.NORM 73 PSIG. (ACC. DBA) >SL2 REQ.	PAB25 SL2-FSAR TABLE311-1 P392	ROSEMOUNT REPORT NO. 108025 PAGE 42	COMB. TEST & EXTRA- POL'N	M	NONE	SAME AS ABOV SUBCOMPONENTS:
MODEL AND: 1153DB5 SERIAL #	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 43% DESIGN	100%	HAB25L SL2-FSAR TABLE311-1 H374	ROSEMOUNT REPORT NO. 108025 PAGE 22	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1)WEAK LINK COMPONENT PER ARRHENIUS "END PNT 2)IEEE-323-74, ISA STANDARDS,EPRI NP1558 USED FOR QUALIFICATION.
FUNCT.DES: & SERVICE CONTAINMENT PRESSURE FLUID-AIR(100% HUMIDITY)	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT AP PLICAB LE	M	NONE	
ACCUR. SPEC: TO .25%									
ACCUR. DEM.: TO .25%	R 2 HR A 30 D D 1 YR . 40YR/RW	185 5.0E4 2.3E5 2.9E5 3.6E5 4.0E5 4.0E4 2.5E5	2.2E7 RADS INTEGRATED DOSE	RAB25B SL2-FSAR TABLE311-1 R392	ROSEMOUNT REPORT NO. 108025	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 138									
P.O #:422582 CWD # : 296 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YEARS SEE NOTE 1	10CFR50 PARA 50.51	ROSEMOUNT REPORT NO. 108025 PAGE 34	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB25									3
COORDINATES X- 610.0 0 Y- 1480.00 Z- 20.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	SAB25 SL2-FSAR TBL 3.11-1	NOT APPLICABLE	NOT APPLIC ABLE	H	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): NO INSTAL. REF:FV0058 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:8.1
********** *QUALIF* QUALIFIED *STATUS* ******** * **********	OPERABILITY TEMPERATURE T PRESSURE P REL. HUMDTY H CHEM. SPRAY C RADIATION R	8.1 8.1 8.1 8.1 8.1 8.1							
PHYS DWG REF: 2998G-374 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 8.1	AGING SUBMERGENCE	8.1 8.1	REFERENCES: ROSEMOUNT REPORT NO 108025, ROSEMOUNT PROCEDURE 57820, REV D,ROSEMONT REPORT 108026 VOL 5.1 AND 2,ROSEMOUNT LETTER DATED 08-13-81						REVISION # :03 DATE :08/30/82
	SAR ENV CAT: E 0588 CATEG.: A APPENDIX E								SYSTEM :CONTAINMENT SPRAY TAG :PT-07-2D

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1310

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PT-08-1A	OPERABIL-ITY	40 YEARS CONT < 24 HRS POST DBA	40 YEARS >27 HRS POST DBA	FSAR TABLE 3.11-2	RSMNT LTTR OF 8/13/81 SUPPL RSMT REP 88114	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 185 HRS
EQUIPMENT: SENSORS TYPE	NORM/TEST DBA								ACCEL TEMP: 254F
COMPONENT: PRESSURE TRANSMITTER	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	110F NORM 140F1200HR 130FDESIGN	TTB23B SL2-FSAR TABLE311-1 T408 2C	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: RSMT PROC. 1802.P47,48
MANUFACTURER: ROSEMOUNT									MAINTAIN.: SAME AS ABOV
MAJOR : NOT SUPPLIER APPLICABLE	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	ATMOS.NORM 73 PSIG. (ACC. DBA) >SL2 REQ.	PTB23B SL2-FSAR TABLE311-1 P408 2C	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: 1153GB9 SERIAL # S/N-386125	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23B SL2-FSAR TABLE311-1 H408 2C	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1)WEAK LINK COMPONENT PER ARRHENIUS "END PNT 2)IEEE-323-74, ISA STANDARDS,EPRI NP1558 USED FOR QUALIFICATION.
FUNCT.DES: & SERVICE 2A OUTLET PRESSURE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23B SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	NOT AP PLICAB LE	M	NONE	
ACCUR. SPEC: TO .25%									
ACCUR. DEM.: TO .25%	R A D . 40YR/RW	2 HR 30 D 1 YR 1.0E5 INTEG RATED DOSE	2.2E7 RADS INTEGRATED DOSE	RTB23B SL2-FSAR TABLE311-1 R408 2C	ROSEMONT REPORT 88114 P7	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 138									
P.O #:422582 CWD # : 603 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS SEE NOTE 1	10CFR 50 PARA 50.51 PAGE 374	ROSEMOUNT REPORT NO. 88114 PAGE 4	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: TB23									
COORDINATES X- 693.0 Y- 1416.0 Z- 23.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23B SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0188	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:8.1
QUALIF EXEMPTN: NO									
**********	OPERABILITY	8.1							
QUALIF QUALIFIED	TEMPERATURE	T 8.1							
STATUS	PRESSURE	P 8.1							
********	REL. HUMDTY	H 8.1							
*	CHEM. SPRAY	C 8.1							
**********	RADIATION	R 8.1		REFERENCES: ROSEMOUNT REPORT NO 88114, ROSEMOUNT PROCEDURE 57820, REV D,ROSEMONT REPORT 48123 REV A ROSEMOUNT LETTER DATED 08-13-81					
PHYS DWG REF: 2998G-408 2C	AGING	8.1							
PHYS DWG LOC:	SUBMERGENCE	S 8.1							REVISION # :03 DATE :08/30/82
MOUNTING : IR 22-1									
EQ PACK # : 8.1	SAR ENV CAT: K								SYSTEM :MAIN STEAM
	0588 CATEG.: A								TAG :PT-08-1A
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1311

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PT-08-1B	OPERABIL-ITY NORM/TEST	40 YEARS CONT < 24 HRS POST DBA	40 YEARS >27 HRS. POST DBA	FSAR TABLE 3.11-2	RSMNT LTTR OF 8/13/81 SUPPL RSMT REP 88114	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 185 HRS
EQUIPMENT: SENSORS TYPE									ACCEL TEMP: 254F
COMPONENT: PRESSURE TRANSMITTER	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	110F NORM 140F1200HR 130FDESIGN	TTB23B SL2-FSAR TABLE311-1 T408 2C	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: RSMT.PROC 1802,P47,48
MANUFACTURER: ROSEMOUNT									MAINTAIN.: SAME AS ABOV
MAJOR : NOT SUPPLIER APPLICABLE	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	ATMOS.NORM 73 PSIG. (ACC. DBA) >SL2 REQ.	PTB23B SL2-FSAR TABLE311-1 P408 2C	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: 1153GB9 SERIAL # S/N 384187	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23B SL2-FSAR TABLE311-1 H408 2C	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1)WEAK LINK COMPONENT PER ARRHENIUS "END PNT 2)IEEE-323-74, ISA STANDARDS,EPRI NP1558 USED FOR QUALIFICATION.
FUNCT.DES: & SERVICE 2B OUTLET PRESSURE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23B SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	NOT APPLICABLE	M	NONE	
ACCUR. SPEC: TO .25%									
ACCUR. DEM.: TO .25%	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	2.2E7 RADS INTEGRATED DOSE	RTB23B SL2-FSAR TABLE311-1 R408 2C	ROSEMONT REPORT 88114 P7	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 138									
P.O #:422582 CWD # : 603 /	AGE- INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS SEE NOTE 1	10CFR50 PARA 50.51	ROSEMOUNT REPORT NO. 88114 PAGE 4	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: TB23									
COORDINATES X- 675.0 Y- 1416.0 Z- 23.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23B SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0189									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	8.1
TEMPERATURE T	8.1
PRESSURE P	8.1
REL. HUMDTY H	8.1
CHEM. SPRAY C	8.1
RADIATION R	8.1
AGING	8.1
SUBMERGENCE S	8.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:8.1

QUALIF QUALIFIED
STATUS
****

PHYS DWG REF: 2998G-408 2C
PHYS DWG LOC:
MOUNTING : IR 22-2
EQ PACK # : 8.1

SAR ENV CAT: K
0588 CATEG.: A
APPENDIX E

REFERENCES: ROSEMOUNT REPORT NO 88114, ROSEMOUNT PROCEDURE 57820, REV D,ROSEMONT REPORT 48123 REV A ROSEMOUNT LETTER DATED 08-13-81

REVISION # :03
DATE :08/30/82

SYSTEM :MAIN STEAM
TAG :PT-08-1B

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1312

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PT-08-3A	OPERABIL-ITY NORM/TEST	40 YEARS CONT < 24 HRS POST DBA	40 YEARS >27 HRS. POST DBA	FSAR TABLE 3.11-2	RSMNT LTTR OF 8/13/81 SUPPL RSMT REP 88114	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 185HRS
EQUIPMENT: SENSORS		DBA							ACCEL TEMP: 254F
TYPE	TEMPERATURE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	110F NORM 140F1200HR 130FDESIGN	TTB23B SL2-FSAR TABLE311-1 T408 2C	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	H	NONE	
COMPONENT: PRESSURE TRANSMITTER									REPLACEMENT: RSMT REPORT 1802 P47,48
MANUFACTURER: ROSEMOUNT	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	ATMOS.NORM 73 PSIG. (ACC. DBA) >SL2 REQ.	PTB23B SL2-FSAR TABLE311-1 P408 2C	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: SAME AS ABOV
MAJOR : NOT SUPPLIER APPLICABLE									SUBCOMPONENTS:
MODEL AND: 1153GB9 SERIAL # S/N-386136	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23B SL2-FSAR TABLE311-1 H408 2C	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1)WEAK LINK COMPONENT PER ARRHENIUS "END PNT 2)IEEE-323-74, ISA STANDARDS,EPRI
FUNCT.DES: MAIN STEAM & SERVICE PRESS									NP1558 USED FOR QUALIFICATION.
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23B SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	NOT APPLICABLE	M	NONE	
ACCUR. SPEC: TO .25%									
ACCUR. DEM.: TO .25%	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	2.2E7 RADS INTEGRATED DOSE	RTB23B SL2-FSAR TABLE311-1 R408 2C	ROSEMONT REPORT 88114 P7	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 138									
P.O #:422582 CWD # : 654 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS SEE NOTE 1	10CFR50 PARA 50.51	ROSEMOUNT REPORT NO. 88114 PAGE 4	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: TB23									3
COORDINATES X- 693.0 Y- 1416.0 Z- 23.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23B SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	NOT APPLICABLE	M	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0190	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:8.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.1							
QUALIF QUALIFIED	TEMPERATURE T	8.1							
STATUS	PRESSURE P	8.1							
	REL. HUMDTY H	8.1							
*	CHEM. SPRAY C	8.1							
	RADIATION R	8.1	REFERENCES: ROSEMOUNT REPORT NO 88114, ROSEMOUNT PROCEDURE 57820, REV D,ROSEMONT REPORT 48123 REV. A ROSEMOUNT LETTER DATED 08-13-81						
PHYS DWG REF: 2998G-408 2C	AGING	8.1							
PHYS DWG LOC:	SUBMERGENCE S	8.1							
MOUNTING : IR 22-1									REVISION # :03
EQ PACK # : 8.1	SAR ENV CAT: K								DATE :08/30/82
	0588 CATEG.: A								
	APPENDIX E								SYSTEM :MAIN STEAM
									TAG :PT-08-3A

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1313

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PT-08-3B	OPERABIL-ITY NORM/TEST	40 YEARS CONT < 24 HRS POST DBA	40 YEARS >27 HRS POST DBA	FSAR TABLE 3.11-2	RSMNT LTTR OF 8/13/81 SUPPL RSMT REP 88114	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 185 HRS
EQUIPMENT: SENSORS TYPE									ACCEL TEMP: 254F
COMPONENT: PRESSURE TRANSMITTER	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	110F NORM 140F1200HR 130FDESIGN	TTB23A SL2-FSAR TABLE311-1 T408 2C	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: RSMT. REPORT 1802 P47,48
MANUFACTURER: ROSEMOUNT									MAINTAIN.: SAME AS ABOV
MAJOR : NOT SUPPLIER APPLICABLE	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	ATMOS.NORM 73 PSIG. (ACC. DBA) >SL2 REQ.	PTB23A SL2-FSAR TABLE311-1 P408 2C	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: 1153GB9 SERIAL #	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23A SL2-FSAR TABLE311-1 H408 2C	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1)WEAK LINK COMPONENT PER ARRHENIUS *END PNT 2)IEEE-323-74, ISA STANDARDS,EPRI NP1558 USED FOR QUALIFICATION.
FUNCT.DES: MAIN STEAM & SERVICE PRESS	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23A SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	NOT AP PLICAB LE	M	NONE	
ACCUR. SPEC: TO .25%									
ACCUR. DEM.: TO .25%	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	2.2E7 RADS INTEGRATED DOSE	RTB23A SL2-FSAR TABLE311-1 R408 2C	ROSEMONT REPORT 88114 P7	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 138									
P.O #:422582 CWD # : 654 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS SEE NOTE 1	10CFR50 PARA 50.51	ROSEMOUNT REPORT NO. 88114 PAGE 4	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: TB23									
COORDINATES X- 709.0 Y- 1418.0 Z- 23.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23A SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): NO									
INSTAL. REF: FV0191	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 8.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.1							
QUALIF QUALIFIED	TEMPERATURE T	8.1							
STATUS	PRESSURE P	8.1							
********	REL. HUMDTY H	8.1							
*	CHEM. SPRAY C	8.1							
	RADIATION R	8.1		REFERENCES: ROSEMOUNT REPORT NO 88114. ROSEMOUNT PROCEDURE 57820, REV D,ROSEMONT REPORT 48123 REV A ROSEMOUNT LETTER DATED 08-13-81					
PHYS DWG REF: 2998G-408 2C	AGING	8.1							
PHYS DWG LOC:	SUBMERGENCE S	8.1							REVISION # :03 DATE :08/30/82
MOUNTING : IR 22-2									
EQ PACK # : 8.1	SAR ENV CAT: K								SYSTEM :MAIN STEAM
	0588 CATEG.: A								TAG :PT-08-3B
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1314

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PT-08-5	OPERABILITY	40 YEARS CONT < 24 HRS POST DBA	40 YEARS > 27 HRS POST DBA	FSAR TABLE 3.11-2	RSMNT LTTR OF 8/13/81 SUPPL RSMT REP 88114	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 185 HRS
EQUIPMENT: SENSORS	NORM/TEST DBA								ACCEL TEMP: 253F
TYPE	TEMPERATURE	108F NORM FIG. C-1A 136F 1200HR 127F DESIGN	110F NORM 140F 1200HR 130F DESIGN	TTB23A SL2-FSAR TABLE311-1 T408 2C	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: RSMT REPORT 1802 P47,48
COMPONENT: PRESSURE TRANSMITTER									MAINTAIN.:
MANUFACTURER: ROSEMOUNT	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	ATMOS.NORM 73 PSIG. (ACC. DBA) >SL2 REQ.	PTB23A SL2-FSAR TABLE311-1 P408 2C	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	H	NONE	SAME AS ABOV
MAJOR : NOT SUPPLIER APPLICABLE									SUBCOMPONENTS:
MODEL AND: 1153GB9 SERIAL # S/N-386127	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23A SL2-FSAR TABLE311-1 H408 2C	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1)WEAK LINK COMPONENT PER ARRHENIUS "END PNT
FUNCT.DES: STM INLET TO & SERVICE AUX FWP TURBINE									2)IEEE-323-74, ISA STANDARDS,EPRI NP1558 USED FOR QUALIFICATION.
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23A SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	NOT APPLICABLE	M	NONE	
ACCUR. SPEC: TO .25%									
ACCUR. DEM.: TO .25%	R A D . 40YR/RW	2 HR 30 D 1 YR 1.0E5 INTEG RATED DOSE	2.2E7 RADS INTEGRATED DOSE	RTB23A SL2-FSAR TABLE311-1 R408 2C	ROSEMONT REPORT 88114 P7	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 138									
P.O #:422582 CWD # : 695 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS SEE NOTE 1	10CFR50 PARA 50.51	ROSEMOUNT REPORT NO. 88114 PAGE 4	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: TB23									
COORDINATES X- 709.0 Y- 1418.0 Z- 23.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23A SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0192	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:8.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.1							
QUALIF QUALIFIED	TEMPERATURE T	8.1							
STATUS	PRESSURE P	8.1							
	REL. HUMDTY H	8.1							
*	CHEM. SPRAY C	8.1	REFERENCES: ROSEMOUNT REPORT NO 88114, ROSEMOUNT PROCEDURE 57820, REV D,ROSEMONT REPORT 48123 REV A ROSEMOUNT LETTER DATED 08-13-81						
	RADIATION R	8.1							
PHYS DWG REF: 2998G-408 2C	AGING	8.1							REVISION #.:03
PHYS DWG LOC:	SUBMERGENCE S	8.1							DATE :08/30/82
MOUNTING : IR 22-1A									
EQ PACK # : 8.1	SAR ENV CAT: K								SYSTEM :MAIN STEAM
	10588 CATEG.: A								TAG :PT-08-5
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1315

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PT-09-8A	OPERABIL-ITY NORM/TEST	40 YEARS CONT < 24 HRS POST DBA	40 YEARS > 27 HRS POST DBA	FSAR TABLE 3.11-2	RSMNT LTTR OF 8/13/81 SUPPL RSMT REP 88114	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 185 HRS
EQUIPMENT: SENSORS TYPE	DBA	DBA							ACCEL TEMP: 254F
COMPONENT: PRESSURE TRANSMITTER	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	110F NORM 140F1200HR 130FDESIGN	TTB23B SL2-FSAR TABLE311-1 T408 2C	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: RSMT. REPORT 1802 P47,48
MANUFACTURER: ROSEMOUNT									MAINTAIN.: SAME AS ABOV
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	ATMOS.NORM 73 PSIG. (ACC. DBA) >SL2 REQ.	PTB23B SL2-FSAR TABLE311-1 P408 2C	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: 1153GB9 SERIAL # S/N-386128	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23B SL2-FSAR TABLE311-1 H408 2C.	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1)WEAK LINK COMPONENT PER ARRHENIUS "END PNT 2)IEEE-323-74, ISA STANDARDS,EPRI NP1558 USED FOR QUALIFICATION.
FUNCT.DES: & SERVICE AUX FEED WATER PUMP 2A DISCH	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23B SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	NOT APPLICAB LE	M	NONE	
ACCUR. SPEC: TO .25%									
ACCUR. DEM.: TO .25%	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	2.2E7 RADS INTEGRATED DOSE	RTB23B SL2-FSAR TABLE311-1 R408 2C	ROSEMONT REPORT 88114 P7	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 138									
P.O #:422582 CWD # : 601 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS SEE NOTE 1	10CFR50 PARA 50.51	ROSEMOUNT REPORT NO. 88114 PAGE 4	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: TB23									
COORDINATES X- 693.0 Y- 1416.0 Z- 23.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23B SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0193	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:8.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.1							
QUALIF QUALIFIED *STATUS*	TEMPERATURE T	8.1							
	PRESSURE P	8.1							
	REL. HUMDTY H	8.1							
	CHEM. SPRAY C	8.1							
	RADIATION R	8.1	REFERENCES: ROSEMOUNT REPORT NO 88114, ROSEMOUNT PROCEDURE 57820, REV D,ROSEMONT REPORT 48123 REV A ROSEMOUNT LETTER DATED 08-13-81						
PHYS DWG REF: 2998G-408 2C	AGING	8.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	8.1							DATE :08/30/82
MOUNTING : IR 22-1									
EQ PACK # : 8.1	SAR ENV CAT: K								SYSTEM :FEEDWATER
	0588 CATEG.: A								
	APPENDIX E								TAG :PT-09-8A

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1316

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PT-09-8B	OPERABIL-ITY NORM/TEST DBA	40 YEARS CONT < 24 HRS POST DBA	40 YEARS > 27 HRS POST DBA	FSAR TABLE 3.11-2	RSMNT LTTR OF 8/13/81 SUPPL RSMT REP 88114	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 185 HRS
EQUIPMENT: SENSORS TYPE									ACCEL TEMP: 254F
COMPONENT: PRESSURE TRANSMITTER	TEMPERAT-URE	108F NORM FIG. C-1A 136F 1200HR 127FDESIGN	110F NORM 140F 1200HR 130FDESIGN	TTB23B SL2-FSAR TABLE311-1 T408 2C	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: RSMT REPORT 1802 P47,48
MANUFACTURER: ROSEMOUNT									MAINTAIN.: SAME AS ABOV
MAJOR : NOT SUPPLIER APPLICABLE	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	ATMOS.NORM 73 PSIG. (ACC. DBA) >SL2 REQ.	PTB23B SL2-FSAR TABLE311-1 P408 2C	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: 1153GB9 SERIAL # S/N-386129	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23B SL2-FSAR TABLE311-1 H408 2C	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1)WEAK LINK COMPONENT PER ARRHENIUS "END PNT 2)IEEE-323-74, ISA STANDARDS,EPRI NP1558 USED FOR QUALIFICATION.
FUNCT.DES: & SERVICE AUX FEED WATER PUMP 2B DISCH	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23B SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	NOT AP PLICAB LE	M	NONE	
ACCUR. SPEC: TO .25%									
ACCUR. DEM.: TO .25%	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	2.2E7 RADS INTEGRATED DOSE	RTB23B SL2-FSAR TABLE311-1 R408 2C	ROSEMONT REPORT 88114 P7	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 138									
P.O #:422582 CWD # : 601 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS SEE NOTE 1	10CFR50 PARA 50.51	ROSEMOUNT REPORT NO. 88114 PAGE 4	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: TB23									3
COORDINATES X- 675.0 Y- 1416.0 Z- 23.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23B SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0194	PARA-METER.	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:8.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.1							
QUALIF QUALIFIED	TEMPERATURE T	8.1							
STATUS	PRESSURE P	8.1							
********	REL. HUMDTY H	8.1							
*	CHEM. SPRAY C	8.1							
	RADIATION R	8.1							
PHYS DWG REF: 2998G-408 2C	AGING	8.1							
PHYS DWG LOC:	SUBMERGENCE S	8.1							
MOUNTING : IR 22-2									
EQ PACK # : 8.1	SAR ENV CAT: K								
	0588 CATEG.: A								
	APPENDIX E								

REFERENCES: ROSEMOUNT REPORT NO 88114,
ROSEMOUNT PROCEDURE 57820,
REV D,ROSEMONT REPORT 48123
REV A, ROSEMOUNT LETTER
DATED 08-13-81

REVISION # :03
DATE :08/30/82

SYSTEM :FEEDWATER

TAG :PT-09-8B

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1317

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PT-09-8C	OPERABIL-ITY NORM/TEST	40 YEARS CONT < 24 HRS POST DBA	40 YEARS >27 HRS POST DBA	FSAR TABLE 3.11-2	RSMNT LTTR OF 8/13/81 SUPPL RSMT REP 88114	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 185 HRS
EQUIPMENT: SENSORS TYPE									ACCEL TEMP: 254F
COMPONENT: PRESSURE TRANSMITTER	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	110F NORM 140F1200HR 130FDESIGN	TTB23A SL2-FSAR TABLE311-1 T408 2C	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: RSMT. REPORT 1802 P47,48
MANUFACTURER: ROSEMOUNT									MAINTAIN.:
MAJOR : NOT SUPPLIER APPLICABLE	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	ATMOS.NORM 73 PSIG. (ACC. DBA) >SL2 REQ.	PTB23A SL2-FSAR TABLE311-1 P408 2C	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	H	NONE	SAME AS ABOV SUBCOMPONENTS:
MODEL AND: 1153GB9 SERIAL # S/N-386138	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100%	HTB23A SL2-FSAR TABLE311-1 H408 2C	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1)WEAK LINK COMPONENT PER ARRHENIUS "END PNT
FUNCT.DES: AUX FEED WATER & SERVICE PUMP 2C DISCH									2)IEEE-323-74, ISA STANDARDS,EPRI NP1558 USED FOR QUALIFICATION.
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23A SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	NOT APPLICABLE	M	NONE	
ACCUR. SPEC: TO .25%									
ACCUR. DEM.: TO .25%	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	2.2E7 RADS INTEGRATED DOSE	RTB23A SL2-FSAR TABLE311-1 R408 2C	ROSEMONT REPORT 88114 P7	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 138									
P.O #:422582 CWD # : 602 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS SEE NOTE 1	10CFR50 PARA. 50.51	ROSEMOUNT REPORT NO. 88114 PAGE 4	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: TB23									
COORDINATES X- 709.0 Y- 1418.0 Z- 23.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23A SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0195	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:8.1
QUALIF EXEMPTN: NOT APPLIC									
QUALIF QUALIFIED *STATUS*	OPERABILITY	8.1							
	TEMPERATURE T	8.1							
	PRESSURE P	8.1							
	REL. HUMDTY H	8.1							
	CHEM. SPRAY C	8.1	REFERENCES: ROSEMOUNT REPORT NO 88114, ROSEMOUNT PROCEDURE 57820, REV D,ROSEMONT REPORT 48123 REV A, ROSEMOUNT LETTER DATED 08-13-81						
	RADIATION R	8.1							
PHYS DWG REF: 2998G-408 2C	AGING	8.1							
PHYS DWG LOC:	SUBMERGENCE S	8.1							REVISION # :03 DATE :08/30/82
MOUNTING : IR 22-1A									
EQ PACK # : 8.1	SAR ENV CAT: K 10588 CATEG.: A APPENDIX E								SYSTEM :FEEDWATER TAG :PT-09-8C

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1318

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PT-1102A	OPERABIL-ITY	40 YRS CONT	40 YRS CONT	SL2-FSAR 3.11-2	PROCEDURE 9999.3093	COMB. TEST & EXTRA-	/	NONE	ACCEL TIME: 1400 HRS
	NORM/TEST	< 1/2 HR	>200 DAYS	TBL 7.3.1	.2	POL'N			
EQUIPMENT: SENSORS	DBA	POST DBA	POST DBA						ACCEL TEMP:
TYPE									250F
	TEMPERAT-URE	115F NORM	120F NORM	TRB17	PROCEDURE	COMB.	H	NONE	
COMPONENT: PRESSURE TRANSMITTER		FIG. 10 (ACC. DBA) 119FDESIGN	(SEE REF1)	SL2-FSAR TABLE311-1 T367	9999.3093 .2 PG 27	TEST & EXTRA- POL'N			REPLACEMENT: SEE INSTR. MAN.
MANUFACTURER: ITT BARTON									MAINTAIN.:
	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM (SEE REF1)	PRB17 SL2-FSAR TABLE311-1 P367	PROCEDURE 9999.3093 .2 PG 7	COMB. TEST & EXTRA- POL'N	H	NONE	SEE INSTR. MAN.
MAJOR SUPPLIER : CE									SUBCOMPONENTS:
MODEL AND: 763	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	70% NORM 100% (ACC DBA)	HRB17 SL2-FSAR TABLE311-1 H367	PROCEDURE 9999.3093 .2 PG 6	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
SERIAL # 1005									
FUNCT.DES: PRESURIZER PRE									
& SERVICE SSURE									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB17 SL2-FSAR TABLE311-1 C367	PROCEDURE 9999.3093 .2 PG 9	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: +/- 0.5%									
	R 2 HR	7.4E7	5.8E6	RRB17	PROCEDURE	COMB.	H	NONE	
ACCUR. DEM.: +/- 0.5%	A 30 D	1.3E8	1.4E7	SL2-FSAR	9999.3093	TEST &			
	D 1 YR	1.6E8	1.5E7	TABLE311-1	.2	EXTRA-			
	. 40YR/RW	7.0E5	3.1E6	R367	PG 7	POL'N			
SPECIFICATIONS: 49									
	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PROCEDURE 9999.3093 .2 PG 6	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
P.O #: 070509 CWD # : 372 /									
PLANT LOC.: RB17									ESF
COORDINATES X- 658.0	SUBMERGED	NO	ABOVE	SRB17	NOT	N/A	H	NONE	PAM
Y- 1545.0		AREA	FLOOD	SL2-FSAR	APPLICABLE				
Z- 62.0		FLOODING	LEVEL	TABLE311-1 S367					AUTH. REFERENCE: MRL
INSTALLED (Y/N): YES									
INSTAL. REF: FV0367									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	8.2
TEMPERATURE T	8.2
PRESSURE P	8.2
REL. HUMDTY H	8.2
CHEM. SPRAY C	8.2
RADIATION R	8.2
AGING	8.2
SUBMERGENCE S	8.2

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-367
PHYS DWG LOC:
MOUNTING : IR 53-16A
EQ PACK # : 8.2

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1 TEST PROFILE ENVELOPES ACTUAL PROFILE
2 CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE PER IEEE 323-74 STANDARDS

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 8.2

REVISION # : 03
DATE : 08/30/82

SYSTEM : REACTOR COOLANT
TAG : PT-1102A

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1319

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PT-1102B	OPERABIL-ITY NORM/TEST	40 YRS CONT < 1/2 HR POST DBA	40 YRS CONT >200 DAYS POST DBA	SL2-FSAR 3.11-2 TBL 7.3.1	PROCEDURE 9999.3093 1.2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 1400 HRS
EQUIPMENT: SENSORS TYPE									ACCEL TEMP: 250F
COMPONENT: PRESSURE TRANSMITTER	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM (SEE REF1)	TRB17 SL2-FSAR TABLE311-1 T367	PROCEDURE 9999.3093 1.2 IPG 27	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INSTR. MAN.
MANUFACTURER: ITT BARTON									MAINTAIN.: SEE INSTR. MAN.
MAJOR SUPPLIER : CE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM (SEE REF1)	PRB17 SL2-FSAR TABLE311-1 P367	PROCEDURE 9999.3093 1.2 IPG 7	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: 763 SERIAL # 1006	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	70% NORM 100% (ACC DBA)	HRB17 SL2-FSAR TABLE311-1 H367	PROCEDURE 9999.3093 1.2 IPG 6	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: PRESURIZER PRESSURE & SERVICE									
ACCUR. SPEC: +/- 0.5%	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB17 SL2-FSAR TABLE311-1 C367	PROCEDURE 9999.3093 1.2 IPG 9	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. DEM.: +/- 0.5%	R 2 HR A 30 D D 1 YR . 40YR/RW	7.4E7 5.8E6 1.3E8 1.4E7 1.6E8 1.5E7 7.0E5 3.1E6	2.0E8 RADS TID	RRB17 SL2-FSAR TABLE311-1 R367	PROCEDURE 9999.3093 1.2 IPG 7	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:49									
P.O #:070509 CWD # : 373 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PROCEDURE 9999.3093 1.2 IPG 6	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB17									
COORDINATES X- 651.0 Y- 1540.0 Z- 65.0	SUBMERGED	NO AREA FLOODING	ABOVE FLOOD LEVEL	SRB17 SL2-FSAR TABLE311-1 S367	NOT APPLICABLE	N/A	H	NONE	PAM
INSTALLED (Y/N): YES									AUTH. REFERENCE: MRL
INSTAL. REF: FV0368	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:8.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.2							
QUALIF RETEST *STATUS*	TEMPERATURE T	8.2							
	PRESSURE P	8.2							
	REL. HUMDTY H	8.2							
	CHEM. SPRAY C	8.2							
	RADIATION R	8.2	REFERENCES: 1TEST PROFILE ENVELOPES ACTUAL PROFILE 2CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE PER IEEE 323-74 STANDARDS						
PHYS DWG REF: 2998G-367	AGING	8.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	8.2							DATE :08/30/82
MOUNTING : IR 53-7									
EQ PACK # : 8.2	SAR ENV CAT: A								SYSTEM :REACTOR COOLANT
	0588 CATEG.: A								TAG :PT-1102B
	APPENDIX E								

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1320

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PT-1102C	OPERABIL-ITY	40 YRS CONT	40 YRS CONT	SL2-FSAR 3.11-2	PROCEDURE 9999.3093	COMB. TEST &	/	NONE	ACCEL TIME: 1400 HRS
	NORM/TEST	< 1/2 HR	>200 DAYS	TBL 7.3.1	1.2	EXTRA-			
EQUIPMENT: SENSORS	DBA	POST DBA	POST DBA			POL'N			ACCEL TEMP:
TYPE									250F 3
	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM (SEE REF1)	TRB15 SL2-FSAR TABLE311-1 T365	PROCEDURE 9999.3093 1.2 PG 27	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INSTR. MAN.
COMPONENT: PRESSURE TRANSMITTER									
MANUFACTURER: ITT BARTON									MAINTAIN.:
	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM (SEE REF1)	PRB15 SL2-FSAR TABLE311-1 P365	PROCEDURE 9999.3093 1.2 PG 7	COMB. TEST & EXTRA- POL'N	H	NONE	SEE INSTR. MAN. SUBCOMPONENTS:
MAJOR SUPPLIER : CE									
MODEL AND SERIAL # : 763 1007	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	70% NORM 100% (ACC DBA)	HRB15 SL2-FSAR TABLE311-1 H365	PROCEDURE 9999.3093 1.2 PG 6	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: PRESURIZER PRESSURE & SERVICE									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	PROCEDURE 9999.3093 1.2 PG 9	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: +/- 0.5%									
ACCUR. DEM.: +/- 0.5%	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 RADS TID	RRB15B SL2-FSAR TABLE311-1 R365	PROCEDURE 9999.3093 1.2 PG 7	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 49									
P.O #: 070509 CWD # : LTR /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PROCEDURE 9999.3093 1.2 PG 6	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB15									
COORDINATES X- 667.0 * Y- 1551.0 * Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	QUALIFIED FOR SUBMERGENC	SRB15 SL2-FSAR TABLE311-1 S365	SEE SRS # 8.2	COMB. TEST & EXTRA- POL'N	H	NONE	PAM AUTH. REFERENCE: JMG
INSTALLED (Y/N): YES									
INSTAL. REF: FV0369	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 8.2 3
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	8.2							
QUALIF RETEST	TEMPERATURE T	8.2							
STATUS	PRESSURE P	8.2							
********	REL. HUMDTY H	8.2							
*	CHEM. SPRAY C	8.2	REFERENCES: 1TEST PROFILE ENVELOPES ACTUAL PROFILE 2CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE PER IEEE 323-74 STANDARDS						
**********	RADIATION	R 8.2							
PHYS DWG REF: 2998G-365	AGING	8.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 8.2							DATE :08/30/82
MOUNTING : IR 50-1									
EQ PACK # : 8.2	SAR ENV CAT: A								SYSTEM :REACTOR COOLANT
	0588 CATEG.: A								TAG :PT-1102C
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1321

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PT-1102D	OPERABIL-ITY NORM/TEST	40 YRS CONT < 1/2 HR	40 YRS CONT >200 DAYS	SL2-FSAR 3.11-2 TBL 7.3.1	PROCEDURE 9999.3093 1.2	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: 1400 HRS
EQUIPMENT: SENSORS TYPE	DBA	POST DBA	POST DBA						ACCEL TEMP: 250F
COMPONENT: PRESSURE TRANSMITTER	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM (SEE REF1)	TRB17 SL2-FSAR TABLE311-1 T367	PROCEDURE 9999.3093 1.2 PG 27	COMB. TEST & EXTRA-POL'N	H	NONE	REPLACEMENT: SEE INSTR. MAN. 3
MANUFACTURER: ITT BARTON									MAINTAIN.:
MAJOR SUPPLIER : CE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM (SEE REF1)	PRB17 SL2-FSAR TABLE311-1 P367	PROCEDURE 9999.3093 1.2 PG 7	COMB. TEST & EXTRA-POL'N	H	NONE	SEE INSTR. MAN. SUBCOMPONENTS:
MODEL AND: 763 SERIAL # 1008	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	70% NORM 100% (ACC DBA)	HRB17 SL2-FSAR TABLE311-1 H367	PROCEDURE 9999.3093 1.2 PG 6	COMB. TEST & EXTRA-POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: PRESURIZER PRESSURE & SERVICE									
ACCUR. SPEC: +/- 0.5%	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB17 SL2-FSAR TABLE311-1 C367	PROCEDURE 9999.3093 1.2 PG 9	COMB. TEST & EXTRA-POL'N	H	NONE	
ACCUR. DEM.: +/- 0.5%	R 2 HR A 30 D D 1 YR . 40YR/RW	7.4E7 5.8E6 1.3E8 1.4E7 1.6E8 1.5E7 7.0E5 3.1E6	2.0E8 RADS TID	RRB17 SL2-FSAR TABLE311-1 R367	PROCEDURE 9999.3093 1.2 PG 7	COMB. TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS: 49									
P.O #: 070509 CWD # : LTR /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PROCEDURE 9999.3093 1.2 PG 6	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB17									
COORDINATES X- 651.0 Y- 1543.0 Z- 62.0	SUBMERGED	NO AREA FLOODING	ABOVE FLOOD LEVEL	SRB17 SL2-FSAR TABLE311-1 S367	NOT APPLICABLE	N/A	H	NONE	PAM AUTH. REFERENCE: JMG
INSTALLED (Y/N): YES									
INSTAL. REF: FV0370	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 8.2 3
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.2							
QUALIF RETEST *STATUS*	TEMPERATURE T	8.2							
	PRESSURE P	8.2							
	REL. HUMDTY H	8.2							
	CHEM. SPRAY C	8.2	REFERENCES: 1TEST PROFILE ENVELOPES ACTUAL PROFILE						
	RADIATION R	8.2							
PHYS DWG REF: 2998G-367	AGING	8.2	2CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE PER IEEE 323-74 STANDARDS						REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	8.2							DATE :08/30/82
MOUNTING : IR 53-15A									
EQ PACK # : 8.2	SAR ENV CAT: A								SYSTEM :REACTOR COOLANT
	0588 CATEG.: A								TAG :PT-1102D
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1322

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PT-1103	OPERABIL-ITY /NORM/TEST /DBA	40 YRS CONT < 1/2 HR POST DBA	40 YRS CONT >200 DAYS POST DBA	SL2-FSAR 3.11-2 TBL 7.3.1	PROCEDURE 9999.3093 .2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 1400 HRS
EQUIPMENT: SENSORS TYPE									ACCEL TEMP: 250F
COMPONENT: PRESSURE TRANSMITTER	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM (SEE REF1)	TRB17 SL2-FSAR TABLE311-1 T367	PROCEDURE 9999.3093 .2 PG 27	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INSTR. MAN.
MANUFACTURER: ITT BARTON									MAINTAIN.: SEE INSTR. MAN.
MAJOR : CE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM (SEE REF1)	PRB17 SL2-FSAR TABLE311-1 P367	PROCEDURE 9999.3093 .2 PG 7	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND: 763 SERIAL # 1009	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	70% NORM 100% (ACC DBA)	HRB17 SL2-FSAR TABLE311-1 H367	PROCEDURE 9999.3093 .2 PG 6	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: PRESSURIZER & SERVICE PRESSURE									
ACCUR. SPEC: +/- 0.5%	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB17 SL2-FSAR TABLE311-1 C367	PROCEDURE 9999.3093 .2 PG 9	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. DEM.: +/- 0.5%	R 2 HR A 30 D D 1 YR . 40YR/RW	7.4E7 5.8E6 1.3E8 1.4E7 1.6E8 1.5E7 7.0E5 3.1E6	2.0E8 RADS TID	RRB17 SL2-FSAR TABLE311-1 R367	PROCEDURE 9999.3093 .2 PG 7	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:49									
P.O #:070509 CWD # : LTR /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PROCEDURE 9999.3093 .2 PG 6	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB17									
COORDINATES X- 659.0 Y- 1545.0 Z- 62.0	SUBMERGED	NO AREA FLOODING	ABOVE FLOOD LEVEL	SRB17 SL2-FSAR TABLE311-1 S367	NOT APPLICABLE	N/A	H	NONE	PAM AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): YES INSTAL. REF:FV0371 QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	8.2
TEMPERATURE T	8.2
PRESSURE P	8.2
REL. HUMDTY H	8.2
CHEM. SPRAY C	8.2
RADIATION R	8.2
AGING	8.2
SUBMERGENCE S	8.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:8.2 3

QUALIF RETEST *STATUS*

REFERENCES:
1TEST PROFILE ENVELOPES ACTUAL PROFILE
2CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE PER IEEE 323-74 STANDARDS

PHYS DWG REF: 2998G-367
PHYS DWG LOC:
MOUNTING : IR 53-16
EQ PACK # : 8.2

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

REVISION # :03
DATE :08/30/82
SYSTEM :REACTOR COOLANT
TAG :PT-1103

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1323

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PT-1104	OPERABILITY NORM/TEST DBA	40 YRS CONT < 1/2 HR POST DBA	40 YRS CONT >200 DAYS POST DBA	SL2-FSAR 3.11-2 TBL 7.3.1	PROCEDURE 9999.3093 1.2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 1400 HRS
EQUIPMENT: SENSORS TYPE									ACCEL TEMP: 250F
COMPONENT: PRESSURE TRANSMITTER	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM (SEE REF1)	TRB17 SL2-FSAR TABLE311-1 T367	PROCEDURE 9999.3093 1.2 IPG 27	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INSTR. MAN.
MANUFACTURER: ITT BARTON									MAINTAIN.:
MAJOR : CE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM (SEE REF1)	PRB17 SL2-FSAR TABLE311-1 P367	PROCEDURE 9999.3093 1.2 IPG 7	COMB. TEST & EXTRA- POL'N	H	NONE	SEE INSTR. MAN. SUBCOMPONENTS:
MODEL AND: 763 SERIAL # 1010	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	70% NORM 100% (ACC DBA)	HRB17 SL2-FSAR TABLE311-1 H367	PROCEDURE 9999.3093 1.2 IPG 6	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: PRESSURIZER & SERVICE PRESSURE									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB17 SL2-FSAR TABLE311-1 C367	PROCEDURE 9999.3093 1.2 IPG 9	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: +/- 0.5%									
ACCUR. DEM.: +/- 0.5%	R 2 HR A 30 D D 1 YR . 40YR/RW	7.4E7 5.8E6 1.3E8 1.4E7 1.6E8 1.5E7 7.0E5 3.1E6	2.0E8 RADS TID	RRB17 SL2-FSAR TABLE311-1 R367	PROCEDURE 9999.3093 1.2 IPG 7	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:49									
P.O #:070509 CWD # : LTR /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PROCEDURE 9999.3093 1.2 IPG 6	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB17									ESF
COORDINATES X- 659.0 Y- 1545.0 Z- 62.0	SUBMERGED	NO AREA FLOODING	ABOVE FLOOD LEVEL	SRB17 SL2-FSAR TABLE311-1 S367	NOT APPLICABLE	N/A	H	NONE	PAM AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): YES									
INSTAL. REF:FV0372	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.2							PACKAGE:8.2
QUALIF RETEST *STATUS*	TEMPERATURE T	8.2							
	PRESSURE P	8.2							
	REL. HUMDTY H	8.2							
	CHEM. SPRAY C	8.2	REFERENCES: 1TEST PROFILE ENVELOPES ACTUAL PROFILE						
	RADIATION R	8.2							
PHYS DWG REF: 2998G-367	AGING	8.2	2CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE PER IEEE 323-74 STANDARDS						REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	8.2							DATE :08/30/82
MOUNTING : IR 53-16									
EQ PACK # : 8.2	SAR ENV CAT: A								SYSTEM :REACTOR COOLANT
	0588 CATEG.: A								TAG :PT-1104
	APPENDIX E								

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1324

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL 1	DEM. QUALIF. 2	DOCUMENTATION ACTUAL 3	DEM. QUALIF. 4	QUALIF. METHOD 5	H/M 6	OUTS ITEMS 7	
TAG NO : PT-1105	OPERABIL-ITY NORM/TEST DBA	40 YRS CONT < 1/2 HR POST DBA	40 YRS CONT >200 DAYS POST DBA	SL2-FSAR 3.11-2 TBL 7.3.1	PROCEDURE 9999.3093 .2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 1400 HRS
EQUIPMENT: SENSORS TYPE									ACCEL TEMP: 250F
COMPONENT: PRESSURE TRANSMITTER	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM (SEE REF1)	TRB17 SL2-FSAR TABLE311-1 T367	PROCEDURE 9999.3093 .2 IPG 27	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INSTR. MAN.
MANUFACTURER: ITT BARTON									MAINTAIN.: SEE INSTR. MAN.
MAJOR SUPPLIER : CE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM (SEE REF1)	PRB17 SL2-FSAR TABLE311-1 P367	PROCEDURE 9999.3093 .2 IPG 7	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND SERIAL # : 763 1025	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	70% NORM 100% (ACC DBA)	HRB17 SL2-FSAR TABLE311-1 H367	PROCEDURE 9999.3093 .2 IPG 6	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: & SERVICE PRESSURIZER PRESSURE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB17 SL2-FSAR TABLE311-1 C367	PROCEDURE 9999.3093 .2 IPG 9	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: +/- 0.5%									
ACCUR. DEM.: +/- 0.5%	R 2 HR A 30 D D 1 YR . 40YR/RW	7.4E7 5.8E6 1.3E8 1.4E7 1.6E8 1.5E7 7.0E5 3.1E6	2.0E8 RADS TID	RRB17 SL2-FSAR TABLE311-1 R367	PROCEDURE 9999.3093 .2 IPG 7	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 49									
P.O #: 070509 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PROCEDURE 9999.3093 .2 IPG 6	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB17									
COORDINATES X- 651.0 Y- 1542.0 Z- 62.0	SUBMERGED	NO AREA FLOODING	ABOVE FLOOD LEVEL	SRB17 SL2-FSAR TABLE311-1 S367	NOT APPLICABLE	N/A	H	NONE	PAM AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): YES INSTAL. REF: FV0373 QUALIF EXEMPTN: NOT APPLIC	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 8.2
********** *QUALIF* RETEST *STATUS* ******** * **********	OPERABILITY TEMPERATURE T PRESSURE P REL. HUMDTY H CHEM. SPRAY C RADIATION R AGING SUBMERGENCE S	8.2 8.2 8.2 8.2 8.2 8.2 8.2 8.2							
PHYS DWG REF: 2998G-367 PHYS DWG LOC: MOUNTING : IR 53-15 EQ PACK # : 8.2	SAR ENV CAT: A 10588 CATEG.: A APPENDIX E		REFERENCES: 1TEST PROFILE ENVELOPES ACTUAL PROFILE 2CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE PER IEEE 323-74 STANDARDS						REVISION # :03 DATE :08/30/82 SYSTEM :REACTOR COOLANT TAG :PT-1105

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1325

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PT-1106	OPERABIL-ITY	40 YRS CONT	40 YRS CONT	SL2-FSAR 3.11-2	PROCEDURE 9999.3093	COMB. TEST &	/	NONE	ACCEL TIME: 1400 HRS
	NORM/TEST DBA	< 1/2 HR POST DBA	>200 DAYS POST DBA	TBL 7.3.1	1.2	EXTRA- POL'N	.		ACCEL TEMP: 250F
EQUIPMENT: SENSORS	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM . (SEE REF1)	TRB17 SL2-FSAR T367	PROCEDURE 9999.3093 PG 27	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INSTR. MAN.
TYPE									
COMPONENT: PRESSURE TRANSMITTER									MAINTAIN.: SEE INSTR. MAN.
MANUFACTURER: ITT BARTON	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM (SEE REF1)	PRB17 SL2-FSAR TABLE311-1 P367	PROCEDURE 9999.3093 1.2 PG 7	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS: . NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MAJOR SUPPLIER : CE									
MODEL AND SERIAL # : 763 1026	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	70% NORM 100% (ACC DBA)	HRB17 SL2-FSAR TABLE311-1 H367	PROCEDURE 9999.3093 1.2 PG 6	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES & SERVICE: PRESSURIZER PRESSURE									
ACCUR. SPEC: +/- 0.5%	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB17 SL2-FSAR TABLE311-1 C367	PROCEDURE 9999.3093 1.2 PG 9	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. DEM.: +/- 0.5%	R 2 HR A 30 D D 1 YR . 40YR/RW	7.4E7 5.8E6 1.3E8 1.4E7 1.6E8 1.5E7 7.0E5 3.1E6	2.0E8 RADS TID	RRB17 SL2-FSAR TABLE311-1 R367	PROCEDURE 9999.3093 1.2 PG 7	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 49									
P.O #: 070509 CWD # : LTR /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PROCEDURE 9999.3093 1.2 PG 6	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB17									
COORDINATES X- 651.0 Y- 1542.0 Z- 62.0	SUBMERGED	NO AREA FLOODING	ABOVE FLOOD LEVEL	SRB17 SL2-FSAR TABLE311-1 S367	NOT APPLICABLE	N/A	H	NONE	PAM AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): YES									
INSTAL. REF: FV0374									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	8.2
TEMPERATURE T	8.2
PRESSURE P	8.2
REL. HUMDTY H	8.2
CHEM. SPRAY C	8.2
RADIATION R	8.2
AGING	8.2
SUBMERGENCE S	8.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 8.2

REFERENCES:
1 TEST PROFILE ENVELOPES ACTUAL PROFILE
2 CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE PER IEEE 323-74 STANDARDS

QUALIF RETEST
STATUS

PHYS DWG REF: 2998G-367
PHYS DWG LOC:
MOUNTING : IR 53-15
EQ PACK # : 8.2

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

REVISION # :03
DATE :08/30/82

SYSTEM :REACTOR COOLANT
TAG :PT-1106

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1326

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PT-1107	OPERABIL-ITY /NORM/TEST /DBA	40 YRS / CONT / < 1/2 HR / POST DBA	40 YRS / CONT / >200 DAYS / POST DBA	SL2-FSAR / 3.11-2 / TBL 7.3.1	PROCEDURE / 9999.3093 / .2	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 1400 HRS
EQUIPMENT: SENSORS TYPE									ACCEL TEMP: 250F
COMPONENT: PRESSURE TRANSMITTER	TEMPERAT-URE	115F NORM / FIG. 10 / (ACC. DBA) / 119FDESIGN	120F NORM / (SEE REF1)	TRB17 / SL2-FSAR / TABLE311-1 / T367	PROCEDURE / 9999.3093 / .2 / IPG 27	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: SEE INSTR. MAN.
MANUFACTURER: ITT BARTON									MAINTAIN.:
MAJOR SUPPLIER : CE	PRESSURE	OPSIG NORM / FIG. 9 / (ACC. DBA)	OPSIG NORM / (SEE REF1)	PRB17 / SL2-FSAR / TABLE311-1 / P367	PROCEDURE / 9999.3093 / .2 / IPG 7	COMB. / TEST & / EXTRA- / POL'N	H	NONE	SEE INSTR. MAN. SUBCOMPONENTS:
MODEL AND SERIAL #: 763 1011	RELATIVE HUMIDITY	45 TO 100% / 100% / (ACC. DBA)	70% NORM / 100% / (ACC DBA)	HRB17 / SL2-FSAR / TABLE311-1 / H367	PROCEDURE / 9999.3093 / .2 / IPG 6	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: PRESSURIZER & SERVICE PRESSURE									
ACCUR. SPEC: +/- 0.5%	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ / PH 4.9-7.0	3000 PPM BORON / PH 10.5	CRB17 / SL2-FSAR / TABLE311-1 / C367	PROCEDURE / 9999.3093 / .2 / IPG 9	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. DEM.: +/- 0.5%	R 2 HR / A 30 D / D 1 YR / 40YR/RW	7.4E7 5.8E6 / 1.3E8 1.4E7 / 1.6E8 1.5E7 / 7.0E5 3.1E6	2.0E8 RADS TID	RRB17 / SL2-FSAR / TABLE311-1 / R367	PROCEDURE / 9999.3093 / .2 / IPG 7	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
SPECIFICATIONS:49									
P.O #:070509 CWD # : LTR /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PROCEDURE / 9999.3093 / .2 / IPG 6	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB17									
COORDINATES X- 651.0 Y- 1542.0 Z- 62.0	SUBMERGED	NO AREA FLOODING	ABOVE FLOOD LEVEL	SRB17 / SL2-FSAR / TABLE311-1 / S367	NOT APPLICABLE	N/A	H	NONE	PAM AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): YES									
INSTAL. REF:FV0375									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	8.2
TEMPERATURE T	8.2
PRESSURE P	8.2
REL. HUMDTY H	8.2
CHEM. SPRAY C	8.2
RADIATION R	8.2
AGING	8.2
SUBMERGENCE S	8.2
SAR ENV CAT: A	
0588 CATEG.: A	
APPENDIX E	

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1TEST PROFILE ENVELOPES ACTUAL PROFILE
2CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE PER IEEE 323-74 STANDARDS

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:8.2

QUALIF RETEST
STATUS

PHYS DWG REF: 2998G-367
PHYS DWG LOC:
MOUNTING : IR 53-15
EQ PACK # : 8.2

REVISION # :03
DATE :08/30/82

SYSTEM :REACTOR COOLANT
TAG :PT-1107

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1327

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PT-1108	OPERABIL-ITY	40 YRS CONT	40 YRS CONT	SL2-FSAR 3.11-2	PROCEDURE 9999.3093	COMB. TEST &	/	NONE	ACCEL TIME: 1400 HRS
	NORM/TEST DBA	< 1/2 HR POST DBA	>200 DAYS POST DBA	TBL 7.3.1	1.2	EXTRA- POL'N			
EQUIPMENT: SENSORS									ACCEL TEMP: 250F
TYPE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM (SEE REF1)	TRB17 SL2-FSAR TABLE311-1 T367	PROCEDURE 9999.3093 1.2 IPG 27	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INSTR. MAN.
COMPONENT: PRESSURE TRANSMITTER									MAINTAIN.:
MANUFACTURER: ITT BARTON	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM (SEE REF1)	PRB17 SL2-FSAR TABLE311-1 P367	PROCEDURE 9999.3093 1.2 IPG 7	COMB. TEST & EXTRA- POL'N	H	NONE	SEE INSTR. MAN. SUBCOMPONENTS:
MAJOR SUPPLIER : CE									NO UNIQUE TAGGED
MODEL AND SERIAL # : 763 1012	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	70% NORM 100% (ACC DBA)	HRB17 SL2-FSAR TABLE311-1 H367	PROCEDURE 9999.3093 1.2 IPG 6	COMB. TEST & EXTRA- POL'N	/	NONE	SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: PRESSURIZER & SERVICE PRESSURE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB17 SL2-FSAR TABLE311-1 C367	PROCEDURE 9999.3093 1.2 IPG 9	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: +/- 0.5%	R 2 HR A 30 D D 1 YR . 40YR/RW	7.4E7 5.8E6 1.3E8 1.4E7 1.6E8 1.5E7 7.0E5 3.1E6	2.0E8 RADS TID	RRB17 SL2-FSAR TABLE311-1 R367	PROCEDURE 9999.3093 1.2 IPG 7	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. DEM.: +/- 0.5%									
SPECIFICATIONS: 49	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PROCEDURE 9999.3093 1.2 IPG 6	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
P.O #: 070509 CWD # : LTR /									ESF
PLANT LOC.: RB17									
COORDINATES X- 659.0 Y- 1545.0 Z- 62.0	SUBMERGED	NO AREA FLOODING	ABOVE FLOOD LEVEL	SRB17 SL2-FSAR TABLE311-1 S367	NOT APPLICABLE	N/A	H	NONE	PAM AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): YES									
INSTAL. REF: FV0376									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	8.2
TEMPERATURE T	8.2
PRESSURE P	8.2
REL. HUMDTY H	8.2
CHEM. SPRAY C	8.2
RADIATION R	8.2
AGING	8.2
SUBMERGENCE S	8.2
SAR ENV CAT: A	
0588 CATEG.: A	
APPENDIX E	

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1 TEST PROFILE ENVELOPES ACTUAL PROFILE
2 CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE PER IEEE 323-74 STANDARDS

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 8.2

REVISION # : 03
DATE : 08/30/82

SYSTEM : REACTOR COOLANT
TAG : PT-1108

QUALIF RETEST
STATUS

PHYS DWG REF: 2998G-367
PHYS DWG LOC:
MOUNTING : IR 53-16
EQ PACK # : 8.2

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1330

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PT-2212	OPERABIL-ITY NORM/TEST DBA	40 YEARS CONT 180 DYS POST DBA	40 YEARS >200 DAYS POST DBA	FSAR TABLE 3.11-2	RSMNT LTTR OF 8/13/81 SUPPL RSMT REP 88114	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 185 HRS
EQUIPMENT: SENSORS TYPE									ACCEL TEMP: 254F
COMPONENT: PRESSURE TRANSMITTER	TEMPERATURE	89.5F NORM 119F NO AC 116F1200HR 108FDESIGN	110F NORM 140F1200HR 130FDESIGN	TAB24B SL2-FSAR TABLE311-1 T391	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: RSMT PROC. 1802 P.47,48
MANUFACTURER: ROSEMOUNT									MAINTAIN.: SAME AS ABOV
MAJOR : CE SUPPLIER	PRESSURE	ATMOS NORM 0 PSIG (ACC. DBA)	ATMOS.NORM 73 PSIG. (ACC. DBA) >SL2 REQ.	PAB24B SL2-FSAR TABLE311-1 P391	ROSEMOUNT REPORT NO. 88114 PAGE 6	COMB. TEST & EXTRA- POL'N	M	NONE	SUBCOMPONENTS:
MODEL AND: 1153GB9 SERIAL #	RELATIVE HUMIDITY	62.0% NORM	100%	HAB24B SL2-FSAR	ROSEMOUNT REPORT NO.	COMB. TEST &	/	NONE	NOTE 1)WEAK LINK COMPONENT PER ARRHENIUS *END PNT
		63.0%1200H 39% DESIGN		TABLE311-1 H391	88114 PAGE 6	EXTRA- POL'N			2)IEEE-323-74, ISA STANDARDS,EPRI
FUNCT.DES: CP DISCH & SERVICE PRESSURE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLICAB LE	M	NONE	NP1558 USED FOR QUALIFICATION.
ACCUR. SPEC: TO .25%									
ACCUR. DEM.: TO .25%	R 2 HR A 30 D D 1 YR . 40YR/RW	170 5.0E4 2.0E5 2.6E5 2.9E5 3.7E5 5.0E4 2.5E5	2.2E7 RADS INTEGRATED DOSE	RAB24N SL2-FSAR TABLE311-1 R391	RSMT REPT 88114 P7	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:54									
P.O #:971618 CWD # : 0150/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS SEE NOTE 1	10CFR50 PARA 50.51	ROSEMOUNT REPORT NO. 88114 PAGE 4	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24									
COORDINATES X- 577.0 Y- 1557.0 Z- 5.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	3 AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF:FV0196	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:8.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.1							
**********	TEMPERATURE T	8.1							
QUALIF QUALIFIED	PRESSURE P	8.1							
STATUS	REL. HUMDTY H	8.1							
********	CHEM. SPRAY C	8.1							
*	RADIATION R	8.1	REFERENCES: ROSEMOUNT REPORT NO 88114, ROSEMOUNT PROCEDURE 57820, REV D,ROSEMONT REPORT 48123 REV A, ROSEMOUNT LETTER DATED 08-13-81						
**********	AGING	8.1							
PHYS DWG REF: 2998G-391	SUBMERGENCE S	8.1							REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 8.1	SAR ENV CAT: D								SYSTEM :CHEMICAL&VOL CONTROL
	0588 CATEG.: A								TAG :PT-2212
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1339

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PT-8013A	OPERABIL-ITY	40 YRS CONT	40 YRS CONT	SL2-FSAR 3.11-2	PROCEDURE 9999.3093	COMB. TEST &	/	NONE	ACCEL TIME: 1400 HRS
	NORM/TEST DBA	< 1/2 HR POST DBA	>200 DAYS POST DBA	TBL 7.3.1	1.2	EXTRA-POL'N			
EQUIPMENT: SENSORS									ACCEL TEMP: 250F
TYPE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM (SEE REF1)	TRB16 SL2-FSAR TABLE311-1 T366	PROCEDURE 9999.3093 1.2 PG 27	COMB. TEST & EXTRA-POL'N	H	NONE	REPLACEMENT: SEE INSTR. MAN.
COMPONENT: PRESSURE TRANSMITTER									MAINTAIN.: SEE INSTR. MAN.
MANUFACTURER: ITT BARTON	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM (SEE REF1)	PRB16 SL2-FSAR TABLE311-1 P366	PROCEDURE 9999.3093 1.2 PG 7	COMB. TEST & EXTRA-POL'N	H	NONE	SUBCOMPONENTS:
MAJOR SUPPLIER : CE									NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND SERIAL #: 763 1015	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	70% NORM 100% (ACC DBA)	HRB16 SL2-FSAR TABLE311-1 H366	PROCEDURE 9999.3093 1.2 PG 6	COMB. TEST & EXTRA-POL'N	/	NONE	
FUNCT.DES: STEAM GENERATR & SERVICE PRESS.	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB16 SL2-FSAR TABLE311-1 C366	PROCEDURE 9999.3093 1.2 PG 9	COMB. TEST & EXTRA-POL'N	H	NONE	
ACCUR. SPEC: +/- 0.5%	R 2 HR A 30 D D 1 YR . 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	2.0E8 RADS TID	RRB16B SL2-FSAR TABLE311-1 R366	PROCEDURE 9999.3093 1.2 PG 7	COMB. TEST & EXTRA-POL'N	H	NONE	
ACCUR. DEM.: +/- 0.5%									
SPECIFICATIONS: 49	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PROCEDURE 9999.3093 1.2 PG 6	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: ESF
P.O #: 070509 CWD # : LTR /									
PLANT LOC.: RB16									
COORDINATES X- 741.0 Y- 1496.0 Z- 45.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	ABOVE FLOOD LEVEL	SRB16 SL2-FSAR TABLE311-1 S366	NOT APPLICABLE	N/A	H	NONE	PAM AUTH. REFERENCE: 7.3-1
INSTALLED (Y/N): YES									
INSTAL. REF: FV0378	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 8.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.2							
QUALIF RETEST *STATUS*	TEMPERATURE T	8.2							
	PRESSURE P	8.2							
	REL. HUMDTY H	8.2							
	CHEM. SPRAY C	8.2							
	RADIATION R	8.2							
PHYS DWG REF: 2998G-366	AGING	8.2							
PHYS DWG LOC:	SUBMERGENCE S	8.2							
MOUNTING : IR 53-8			REFERENCES: 1TEST PROFILE ENVELOPES ACTUAL PROFILE 2CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE PER IEEE 323-74 STANDARDS						REVISION # :03 DATE :08/30/82
EQ PACK # : 8.2	SAR ENV CAT: A								
	0588 CATEG.: A								SYSTEM :MAIN STEAM TAG :PT-8013A
	APPENDIX E								

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1340

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PT-80138	OPERABIL-ITY NORM/TEST DBA	40 YRS CONT < 1/2 HR POST DBA	40 YRS CONT >200 DAYS POST DBA	SL2-FSAR 3.11-2 TBL 7.3.1	PROCEDURE 9999.3093 1.2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 1400 HRS
EQUIPMENT: SENSORS TYPE									ACCEL TEMP: 250F
COMPONENT: PRESSURE TRANSMITTER	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM (SEE REF1)	TRB16 SL2-FSAR TABLE311-1 T366	PROCEDURE 9999.3093 1.2 IPG 27	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INSTR. MAN. 3
MANUFACTURER: ITT BARTON									MAINTAIN.: SEE INSTR. MAN.
MAJOR : CE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM (SEE REF1)	PRB16 SL2-FSAR TABLE311-1 P366	PROCEDURE 9999.3093 1.2 IPG 7	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: 763 SERIAL # 1016	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	70% NORM 100% (ACC DBA)	HRB16 SL2-FSAR TABLE311-1 H366	PROCEDURE 9999.3093 1.2 IPG 6	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: STEAM GENERATR & SERVICE PRESS.									
ACCUR. SPEC: +/- 0.5%	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB16 SL2-FSAR TABLE311-1 C366	PROCEDURE 9999.3093 1.2 IPG 9	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. DEM.: +/- 0.5%	R 2 HR A 30 D D 1 YR . 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	2.0E8 RADS TID	RRB16B SL2-FSAR TABLE311-1 R366	PROCEDURE 9999.3093 1.2 IPG 7	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:49									
P.O #:070509 CWD # : LTR /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PROCEDURE 9999.3093 1.2 IPG 6	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB16									
COORDINATES X- 736.0 Y- 1477.0 Z- 45.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	ABOVE FLOOD LEVEL	SRB16 SL2-FSAR TABLE311-1 S366	NOT APPLICABLE	N/A	H	NONE	PAM AUTH. REFERENCE: 7.3-1 3
INSTALLED (Y/N): YES									
INSTAL. REF:FV0379	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:8.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.2							
QUALIF RETEST *STATUS*	TEMPERATURE T	8.2							
	PRESSURE P	8.2							
	REL. HUMDTY H	8.2							
	CHEM. SPRAY C	8.2							
	RADIATION R	8.2	REFERENCES: 1TEST PROFILE ENVELOPES ACTUAL PROFILE						
PHYS DWG REF: 2998G-366	AGING	8.2	2CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE PER IEEE 323-74 STANDARDS						REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	8.2							DATE :08/30/82
MOUNTING : IR 53-6									
EQ PACK # : 8.2	SAR ENV CAT: A								SYSTEM :MAIN STEAM
	0588 CATEG.: A								TAG :PT-8013B
	APPENDIX E								

A/E: EBASCO SERVICES INC.
UTILITY: FLORIDA POWER & LIGHT

FACILITY: ST. LUCIE NO. 2
COMPONENT EVALUATION SHEET

NSSS: COMBUSTION ENG. - PWR
CAPACITY: 890 MW(E)

REV#- 3
CES#-1341

EQUIPMENT DESCRIPTION

TAG NO : PT-8013C

EQUIPMENT: SENSORS
TYPE

COMPONENT: PRESSURE TRANSMITTER

MANUFACTURER: ITT BARTON

MAJOR SUPPLIER : CE

MODEL AND SERIAL #: 763 1017

FUNCT.DES: & SERVICE: STEAM GENERATR PRESS.

ACCUR. SPEC: +/- 0.5%

ACCUR. DEM.: +/- 0.5%

SPECIFICATIONS:49

P.O #:070509 CWD # : LTR /

PLANT LOC.: RB16

COORDINATES X- 740.0
Y- 1509.0
Z- 45.0

INSTALLED (Y/N): YES
INSTAL. REF:FV0380
QUALIF EXEMPTN: NOT APPLIC

QUALIF RETEST
STATUS

PHYS DWG REF: 2998G-366
PHYS DWG LOC:
MOUNTING : IR 53-5
EQ PACK # : 8.2

PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS
OPERABILITY / NORM/TEST / DBA	40 YRS / CONT / < 1/2 HR / POST DBA	40 YRS / CONT / >200 DAYS / POST DBA	SL2-FSAR 3.11-2 TBL 7.3.1	PROCEDURE 9999.3093 1.2	COMB. TEST & EXTRA- POL'N	/ .	NONE
TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM (SEE REF1)	TRB16 SL2-FSAR TABLE311-1 T366	PROCEDURE 9999.3093 1.2 IPG 27	COMB. TEST & EXTRA- POL'N	H	NONE
PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM (SEE REF1)	PRB16 SL2-FSAR TABLE311-1 P366	PROCEDURE 9999.3093 1.2 IPG 7	COMB. TEST & EXTRA- POL'N	H	NONE
RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	70% NORM 100% (ACC DBA)	HRB16 SL2-FSAR TABLE311-1 H366	PROCEDURE 9999.3093 1.2 IPG 6	COMB. TEST & EXTRA- POL'N	/	NONE
CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB16 SL2-FSAR TABLE311-1 C366	PROCEDURE 9999.3093 1.2 IPG 9	COMB. TEST & EXTRA- POL'N	H	NONE
R A D .	2 HR 30 D 1 YR 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	RRB16B SL2-FSAR TABLE311-1 R366	PROCEDURE 9999.3093 1.2 IPG 7	COMB. TEST & EXTRA- POL'N	H	NONE
AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PROCEDURE 9999.3093 1.2 IPG 6	COMB. TEST & EXTRA- POL'N	/	NONE
SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	ABOVE FLOOD LEVEL	SRB16 SL2-FSAR TABLE311-1 S366	NOT APPLICABLE	N/A	H	NONE

PARAMETER	SUPPL. REVIEW
OPERABILITY	8.2
TEMPERATURE T	8.2
PRESSURE P	8.2
REL. HUMDTY H	8.2
CHEM. SPRAY C	8.2
RADIATION R	8.2
AGING	8.2
SUBMERGENCE S	8.2

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1TEST PROFILE ENVELOPES ACTUAL PROFILE
2CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE PER IEEE 323-74 STANDARDS

ACCEL TIME: 1400 HRS

ACCEL TEMP: 250F

REPLACEMENT: SEE INSTR. MAN.
MAINTAIN.: SEE INSTR. MAN.
SUBCOMPONENTS:

NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT

SAFETY FUNCTION:

ESF

PAM

AUTH. REFERENCE: 7.3-1

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:8.2

REVISION # :03
DATE :08/30/82

SYSTEM :MAIN STEAM
TAG :PT-8013C

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1342

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : PT-8013D	OPERABIL-ITY	40 YRS CONT	40 YRS CONT	SL2-FSAR 3.11-2	PROCEDURE 9999.3093	COMB. TEST &	/	NONE	ACCEL TIME: 1400 HRS
	NORM/TEST DBA	< 1/2 HR POST DBA	>200 DAYS POST DBA	TBL 7.3.1	1.2	EXTRA-POL'N			
EQUIPMENT: SENSORS									ACCEL TEMP: 250F
TYPE									
COMPONENT: PRESSURE TRANSMITTER	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM (SEE REF1)	TRB16 SL2-FSAR TABLE311-1 T366	PROCEDURE 9999.3093 1.2 PG 27	COMB. TEST & EXTRA-POL'N	H	NONE	REPLACEMENT: SEE INSTR. MAN.
MANUFACTURER: ITT BARTON									MAINTAIN.: SEE INSTR. MAN.
MAJOR SUPPLIER : CE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM (SEE REF1)	PRB16 SL2-FSAR TABLE311-1 P366	PROCEDURE 9999.3093 1.2 PG 7	COMB. TEST & EXTRA-POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: 763 1018	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	70% NORM 100% (ACC DBA)	HRB16 SL2-FSAR TABLE311-1 H366	PROCEDURE 9999.3093 1.2 PG 6	COMB. TEST & EXTRA-POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE STEAM GENERATOR PRESS.									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB16 SL2-FSAR TABLE311-1 C366	PROCEDURE 9999.3093 1.2 PG 9	COMB. TEST & EXTRA-POL'N	H	NONE	
ACCUR. SPEC: +/- 0.5%									
ACCUR. DEM.: +/- 0.5%	R A D .	2 HR 30 D 1 YR 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	2.0E8 RADS TID	RRB16B SL2-FSAR TABLE311-1 R366	PROCEDURE 9999.3093 1.2 PG 7	COMB. TEST & EXTRA-POL'N	H	NONE
SPECIFICATIONS: 49									
P.O #: 070509 CWD # : LTR /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PROCEDURE 9999.3093 1.2 PG 6	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB16									
COORDINATES X- 737.0 Y- 1480.0 Z- 45.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	ABOVE FLOOD LEVEL	SRB16 SL2-FSAR TABLE311-1 S366	NOT APPLICABLE	N/A	H	NONE	PAM
INSTALLED (Y/N): YES									AUTH. REFERENCE: 7.3-1
INSTAL. REF: FV0381									
QUALIF EXEMPTN: NOT APPLIC									

PARA-METER	SUPPL. REVIEW
OPERABILITY	8.2
TEMPERATURE T	8.2
PRESSURE P	8.2
REL. HUMDTY H	8.2
CHEM. SPRAY C	8.2
RADIATION R	8.2
AGING	8.2
SUBMERGENCE S	8.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 8.2

QUALIF RETEST
STATUS
****

REFERENCES:
1 TEST PROFILE ENVELOPES ACTUAL PROFILE
2 CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE PER IEEE 323-74 STANDARDS

PHYS DWG REF: 2998G-366
PHYS DWG LOC:
MOUNTING : IR 53-9
EQ PACK # : 8.2

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

REVISION # :03
DATE :08/30/82

SYSTEM :MAIN STEAM
TAG :PT-8013D

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1343

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PT-8023A	OPERABILITY	40 YRS CONT < 1/2 HR	40 YRS CONT >200 DAYS	SL2-FSAR 3.11-2 TBL 7.3.1	PROCEDURE 9999.3093 1.2	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: 1400 HRS
EQUIPMENT: SENSORS TYPE	NORM/TEST DBA	POST DBA	POST DBA						ACCEL TEMP: 250F
COMPONENT: PRESSURE TRANSMITTER	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM (SEE REF1)	TRB16 SL2-FSAR TABLE311-1 T366	PROCEDURE 9999.3093 1.2 PG 27	COMB. TEST & EXTRA-POL'N	H	NONE	REPLACEMENT: SEE INSTR. MAN.
MANUFACTURER: ITT BARTON	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM (SEE REF1)	PRB16 SL2-FSAR TABLE311-1 P366	PROCEDURE 9999.3093 1.2 PG 7	COMB. TEST & EXTRA-POL'N	H	NONE	MAINTAIN.: SEE INSTR. MAN.
MAJOR SUPPLIER : CE									SUBCOMPONENTS:
MODEL AND SERIAL # : 763 1019	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	70% NORM 100% (ACC DBA)	HRB16 SL2-FSAR TABLE311-1 H366	PROCEDURE 9999.3093 1.2 PG 6	COMB. TEST & EXTRA-POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: STEAM GENERATOR PRESS. & SERVICE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB16 SL2-FSAR TABLE311-1 C366	PROCEDURE 9999.3093 1.2 PG 9	COMB. TEST & EXTRA-POL'N	H	NONE	
ACCUR. SPEC: +/- 0.5%	R 2 HR A 30 D D 1 YR . 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	2.0E8 RADS TID	RRB16B SL2-FSAR TABLE311-1 R366	PROCEDURE 9999.3093 1.2 PG 7	COMB. TEST & EXTRA-POL'N	H	NONE	
ACCUR. DEM.: +/- 0.5%									
SPECIFICATIONS: 49	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PROCEDURE 9999.3093 1.2 PG 6	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: ESF
P.O #: 070509 CWD # : /									
PLANT LOC.: RB16									
COORDINATES X- 633.0 Y- 1505.0 Z- 48.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	ABOVE FLOOD LEVEL	SRB16 SL2-FSAR TABLE311-1 S366	NOT APPLICABLE	N/A	H	NONE	PAM AUTH. REFERENCE: 7.3-1
INSTALLED (Y/N): YES INSTAL. REF: FV0382 QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	8.2
TEMPERATURE	T 8.2
PRESSURE	P 8.2
REL. HUMDTY	H 8.2
CHEM. SPRAY	C 8.2
RADIATION	R 8.2
AGING	8.2
SUBMERGENCE	S 8.2
SAR ENV CAT:	A
0588 CATEG.:	A
APPENDIX E	

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1 TEST PROFILE ENVELOPES ACTUAL PROFILE
2 CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE PER IEEE 323-74 STANDARDS

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 8.2

REVISION # : 03
DATE : 08/30/82

SYSTEM : MAIN STEAM
TAG : PT-8023A

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-366
PHYS DWG LOC:
MOUNTING : IR 59-1
EQ PACK # : 8.2

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1344

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PT-8023B	OPERABIL-ITY /NORM/TEST /DBA	40 YRS / CONT / < 1/2 HR / POST DBA	40 YRS / CONT / >200 DAYS / POST DBA	SL2-FSAR / 3.11-2 / TBL 7.3.1	PROCEDURE / 9999.3093 / 1.2 /	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 1400 HRS
EQUIPMENT: SENSORS TYPE									ACCEL TEMP: 250F
COMPONENT: PRESSURE TRANSMITTER	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM (SEE REF1)	TRB16 / SL2-FSAR / TABLE311-1 / T366	PROCEDURE / 9999.3093 / 1.2 / IPG 27	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INSTR. MAN.
MANUFACTURER: ITT BARTON									MAINTAIN.: SEE INSTR. MAN.
MAJOR SUPPLIER : CE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM (SEE REF1)	PRB16 / SL2-FSAR / TABLE311-1 / P366	PROCEDURE / 9999.3093 / 1.2 / IPG 7	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND: 763 SERIAL # 1020	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	70% NORM 100% (ACC DBA)	HRB16 / SL2-FSAR / TABLE311-1 / H366	PROCEDURE / 9999.3093 / 1.2 / IPG 6	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: STEAM GENERATO & SERVICE R PRESS.	CHEMICAL SPRAY	1720-2150 PPM B. 50- 65PPM HYDZ	3000 PPM BORON	CRB16 / SL2-FSAR / TABLE311-1 / C366	PROCEDURE / 9999.3093 / 1.2 / IPG 9	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: +/- 0.5%		PH 4.9-7.0	PH 10.5						
ACCUR. DEM.: +/- 0.5%	R 2 HR A 30 D D 1 YR . 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	2.0E8 RADS TID	RRB16B / SL2-FSAR / TABLE311-1 / R366	PROCEDURE / 9999.3093 / 1.2 / IPG 7	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:49									
P.O #:070509 CWD # : LTR /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PROCEDURE / 9999.3093 / 1.2 / IPG 6	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB16									
COORDINATES X- 634.0 Y- 1493.0 Z- 45.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	ABOVE FLOOD LEVEL	SRB16 / SL2-FSAR / TABLE311-1 / S366	NOT APPLICABLE	N/A	H	NONE	PAM
									AUTH. REFERENCE: MRL
INSTALLED (Y/N): YES INSTAL. REF:FV0383 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:8.2
**********	OPERABILITY	8.2							
QUALIF RETEST	TEMPERATURE T	8.2							
STATUS	PRESSURE P	8.2							
********	REL. HUMDTY H	8.2							
*	CHEM. SPRAY C	8.2							
**********	RADIATION R	8.2							
PHYS DWG REF: 2998G-366	AGING	8.2							
PHYS DWG LOC:	SUBMERGENCE S	8.2							
MOUNTING : IR 58-1			REFERENCES: 1TEST PROFILE ENVELOPES ACTUAL PROFILE 2CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE PER IEEE 323-74 STANDARDS						REVISION # :03 DATE :08/30/82
EQ PACK # : 8.2	SAR ENV CAT: A								SYSTEM :MAIN STEAM TAG :PT-8023B
	0588 CATEG.: A								
	APPENDIX E								

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3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1345

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PT-8023C	OPERABIL-ITY NORM/TEST DBA	40 YRS CONT < 1/2 HR POST DBA	40 YRS CONT >200 DAYS POST DBA	SL2-FSAR 3.11-2 TBL 7.3.1	PROCEDURE 9999.3093 1.2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 1400 HRS
EQUIPMENT: SENSORS TYPE									ACCEL TEMP: 250F
COMPONENT: PRESSURE TRANSMITTER	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM (SEE REF1)	TRB15 SL2-FSAR TABLE311-1 T365	PROCEDURE 9999.3093 1.2 PG 27	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INSTR. MAN.
MANUFACTURER: ITT BARTON									MAINTAIN.: SEE INSTR. MAN.
MAJOR SUPPLIER : CE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM (SEE REF1)	PRB15 SL2-FSAR TABLE311-1 P365	PROCEDURE 9999.3093 1.2 PG 7	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: 763 SERIAL # 1021	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	70% NORM 100% (ACC DBA)	HRB15 SL2-FSAR TABLE311-1 H365	PROCEDURE 9999.3093 1.2 PG 6	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: STEAM GENERATOR PRESS. & SERVICE									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	PROCEDURE 9999.3093 1.2 PG 9	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: +/- 0.5%									
ACCUR. DEM.: +/- 0.5%	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 RADS TID	RRB15B SL2-FSAR TABLE311-1 R365	PROCEDURE 9999.3093 1.2 PG 7	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 49									
P.O #: 070509 CWD # : LTR /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA.50.51	PROCEDURE 9999.3093 1.2 PG 6	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB15									ESF
COORDINATES X- 636.0 Y- 1537.0 Z- 21.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	QUALIFIED FOR SUBMERGENC	SRB15 SL2-FSAR TABLE311-1 S365	SEE SRS # S8.2	COMB. TEST & EXTRA- POL'N	H	NONE	PAM
INSTALLED (Y/N): YES									AUTH. REFERENCE: 7.3-1
INSTAL. REF: FV0384	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 8.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.2							
QUALIF RETEST *STATUS*	TEMPERATURE	T 8.2							
	PRESSURE	P 8.2							
	REL. HUMDTY	H 8.2							
	CHEM. SPRAY	C 8.2							
	RADIATION	R 8.2	REFERENCES: 1TEST PROFILE ENVELOPES ACTUAL PROFILE 2CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE PER IEEE 323-74 STANDARDS						
PHYS DWG REF: 2998G-365	AGING	8.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 8.2							DATE :08/30/82
MOUNTING : IR 58-3									
EQ PACK # : 8.2	SAR ENV CAT: A 0588 CATEG.: A APPENDIX E								SYSTEM :MAIN STEAM TAG :PT-8023C

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: . 890 MW(E) CES#-1346

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL 1	DEM. QUALIF. 2	DOCUMENTATION ACTUAL 3	DEM. QUALIF. 4	QUALIF. METHOD 5	H/M 6	OUTS ITEMS 7	
TAG NO : PT-8023D	OPERABIL-ITY /NORM/TEST /DBA	40 YRS / CONT / < 1/2 HR / POST DBA	40 YRS / CONT / >200 DAYS / POST DBA	SL2-FSAR / 3.11-2 / TBL 7.3.1	PROCEDURE / 9999.3093 / .2	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 1400 HRS
EQUIPMENT: SENSORS TYPE									ACCEL TEMP: 250F
COMPONENT: PRESSURE TRANSMITTER	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM (SEE REF1)	TRB16 / SL2-FSAR / TABLE311-1 / T366	PROCEDURE / 9999.3093 / .2 / PG 27	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: SEE INSTR. MAN.
MANUFACTURER: ITT BARTON									MAINTAIN.: SEE INSTR. MAN.
MAJOR SUPPLIER : CE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM (SEE REF1)	PRB16 / SL2-FSAR / TABLE311-1 / P366	PROCEDURE / 9999.3093 / .2 / PG 7	COMB. / TEST & / EXTRA- / POL'N	H	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND SERIAL #: 763 1022	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	70% NORM 100% (ACC DBA)	HRB16 / SL2-FSAR / TABLE311-1 / H366	PROCEDURE / 9999.3093 / .2 / PG 6	COMB. / TEST & / EXTRA- / POL'N	/	NONE	
FUNCT.DES: & SERVICE STEAM GENERATOR PRESS.									
ACCUR. SPEC: +/- 0.5%	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB16 / SL2-FSAR / TABLE311-1 / C366	PROCEDURE / 9999.3093 / .2 / PG 9	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. DEM.: +/- 0.5%	R 2 HR A 30 D D 1 YR . 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	2.0E8 RADS TID	RRB16B / SL2-FSAR / TABLE311-1 / R366	PROCEDURE / 9999.3093 / .2 / PG 7	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
SPECIFICATIONS:49									
P.O #:070509 CWD # : LTR /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PROCEDURE / 9999.3093 / .2 / PG 6	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB16									
COORDINATES X- 635.0 Y- 1513.0 Z- 48.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	ABOVE FLOOD LEVEL	SRB16 / SL2-FSAR / TABLE311-1 / S366	NOT APPLICABLE	N/A	H	NONE	PAM AUTH. REFERENCE: 7.3-1
INSTALLED (Y/N): YES									
INSTAL. REF:FV0385	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:8.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.2							
QUALIF RETEST *STATUS*	TEMPERATURE T	8.2							
	PRESSURE P	8.2							
	REL. HUMDTY H	8.2							
	CHEM. SPRAY C	8.2	REFERENCES: 1TEST PROFILE ENVELOPES ACTUAL PROFILE						
	RADIATION R	8.2							
PHYS DWG REF: 2998G-366	AGING	8.2	2CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE PER IEEE 323-74 STANDARDS						REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	8.2							DATE :08/30/82
MOUNTING : IR 58-2									
EQ PACK # : 8.2	SAR ENV CAT: A								SYSTEM :MAIN STEAM
	0588 CATEG.: A								TAG :PT-8023D
	APPENDIX E								

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1347

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PT-8113	OPERABIL-ITY /NORM/TEST /DBA	40 YRS / CONT / < 1/2 HR / POST DBA	40 YRS / CONT / >200 DAYS / POST DBA	SL2-FSAR 3.11-2 TBL 7.3.1	PROCEDURE 9999.3093 .2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 1400 HRS
EQUIPMENT: SENSORS TYPE									ACCEL TEMP: 250F
COMPONENT: PRESSURE TRANSMITTER	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM (SEE REF1)	TRB16 SL2-FSAR TABLE311-1 T366	PROCEDURE 9999.3093 .2 PG 27	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INSTR. MAN.
MANUFACTURER: ITT BARTON									MAINTAIN.:
MAJOR SUPPLIER : CE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM (SEE REF1)	PRB16 SL2-FSAR TABLE311-1 P366	PROCEDURE 9999.3093 .2 PG 7	COMB. TEST & EXTRA- POL'N	H	NONE	SEE INSTR. MAN. SUBCOMPONENTS:
MODEL AND SERIAL # : 763 1014	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	70% NORM 100% (ACC DBA)	HRB16 SL2-FSAR TABLE311-1 H366	PROCEDURE 9999.3093 .2 PG 6	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE STEAM GENERATOR MAIN STEAM	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB16 SL2-FSAR TABLE311-1 C366	PROCEDURE 9999.3093 .2 PG 9	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: +/- 0.5%									
ACCUR. DEM.: +/- 0.5%	R 2 HR A 30 D D 1 YR . 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	2.0E8 RADS TID	RRB16B SL2-FSAR TABLE311-1 R366	PROCEDURE 9999.3093 .2 PG 7	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:49									
P.O #:070509 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PROCEDURE 9999.3093 .2 PG 6	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB16									ESF
COORDINATES X- 739.0 Y- 1488.0 Z- 45.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	ABOVE FLOOD LEVEL	SRB16 SL2-FSAR TABLE311-1 S366	NOT APPLICABLE	N/A	H	NONE	PAM AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): YES									
INSTAL. REF:FV0386									

PARA-METER	SUPPL. REVIEW
OPERABILITY	8.2
TEMPERATURE T	8.2
PRESSURE P	8.2
REL. HUMDTY H	8.2
CHEM. SPRAY C	8.2
RADIATION R	8.2
AGING	8.2
SUBMERGENCE S	8.2

QUALIF EXEMPTN: NOT APPLIC

QUALIF RETEST
STATUS

PHYS DWG REF: 2998G-366
PHYS DWG LOC:
MOUNTING : IR 53-10
EQ PACK # : 8.2

SAR ENV CAT: A
O588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1 TEST PROFILE ENVELOPES ACTUAL PROFILE
2 CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE PER IEEE 323-74 STANDARDS

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:8.2

REVISION # :03
DATE :08/30/82

SYSTEM :MAIN STEAM
TAG :PT-8113

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1348

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PT-8123	OPERABILITY NORM/TEST	40 YRS CONT < 1/2 HR POST DBA	40 YRS CONT >200 DAYS POST DBA	SL2-FSAR 3.11-2 TBL 7.3.1	PROCEDURE 9999.3093 1.2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 1400 HRS
EQUIPMENT: SENSORS TYPE	DBA								ACCEL TEMP: 250F
COMPONENT: PRESSURE TRANSMITTER	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM (SEE REF1)	TRB17 SL2-FSAR TABLE311-1 T367	PROCEDURE 9999.3093 1.2 IPG 27	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INSTR. MAN.
MANUFACTURER: ITT BARTON									MAINTAIN.:
MAJOR SUPPLIER : CE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM (SEE REF1)	PRB17 SL2-FSAR TABLE311-1 P367	PROCEDURE 9999.3093 1.2 IPG 7	COMB. TEST & EXTRA- POL'N	H	NONE	SEE INSTR. MAN. SUBCOMPONENTS:
MODEL AND SERIAL # : 763	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	70% NORM 100% (ACC DBA)	HRB17 SL2-FSAR TABLE311-1 H367	PROCEDURE 9999.3093 1.2 IPG 6	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE STEAM GENERATOR MAIN STEAM	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB17 SL2-FSAR TABLE311-1 C367	PROCEDURE 9999.3093 1.2 IPG 9	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: +/- 0.5%									
ACCUR. DEM.: +/- 0.5%	R 2 HR A 30 D D 1 YR . 40YR/RW	7.4E7 5.8E6 1.3E8 1.4E7 1.6E8 1.5E7 7.0E5 3.1E6	2.0E8 RADS TID	RRB17 SL2-FSAR TABLE311-1 R367	PROCEDURE 9999.3093 1.2 IPG 7	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:49									
P.O #:070509 CWD # : LTR /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PROCEDURE 9999.3093 1.2 IPG 6	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB17									
COORDINATES X- 634.0 Y- 1504.0 Z- 66.0	SUBMERGED	NO AREA FLOODING	ABOVE FLOOD LEVEL	SRB17 SL2-FSAR TABLE311-1 S367	NOT APPLICABLE	N/A	H	NONE	PAM AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): NO									
INSTAL. REF:FV0197	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:8.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.2							
QUALIF RETEST *STATUS*	TEMPERATURE	T 8.2							
	PRESSURE	P 8.2							
	REL. HUMDTY	H 8.2							
	CHEM. SPRAY	C 8.2							
	RADIATION	R 8.2	REFERENCES: 1TEST PROFILE ENVELOPES ACTUAL PROFILE 2CONFIDENCE IN QUALIFICATION BASED ON TEST PROCEDURE PER IEEE 323-74 STANDARDS						
PHYS DWG REF: 2998G-367	AGING	8.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 8.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 8.2	SAR ENV CAT: A 0588 CATEG.: A APPENDIX E								SYSTEM :MAIN STEAM TAG :PT-8123

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1375

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : B/M D9 SERIES	OPERABIL-ITY NORM/TEST	40 YEARS 180 DAYS POST DBA	40 YEARS >200 DAYS POST DBA	SL2-FSAR TBL 3.11-2 MAXIMUM DURATION	DEM QUALIF DERIVED REF1,2,3,4	COMB. TEST & EXTRA- POL'N		NONE	ACCEL TIME: 160C,130C
EQUIPMENT: SWITCH BOARD WI TYPE RE	DBA								ACCEL TEMP: 21,14 DAYS
COMPONENT: JUMPER/HOOKUP WIRE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	167F NORM REF. 1,2	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUALIF DERIVED FROM REF1,2,3,4	COMB. TEST & EXTRA- POL'N	H	NONE NOTE1	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: TELEDYNE THER-MATICS									MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM ENVELOPES FIG. 9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUALIF DERIVED FROM REF1,2,3,4	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL # : TEFZEL 280	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUALIF DERIVED FROM REF1,2,3,4	COMB. TEST & EXTRA- POL'N		NONE	*****REFS:***** 1)ISOMEDIX 05/78 QUALIFICATION REPORT E.I. DUPONT 2)ISOMEDIX 03/78
FUNCT.DES: & SERVICE HOOKUP-JUMPER CONNECTION FOR CONTROL/INSTR CKTS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORIC ACID PH=9-11.0	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUALIF DERIVED FROM REF1,2,3,4	COMB. TEST & EXTRA- POL'N	H	NONE	TEST REPORT FOR TELEDYNE THERM. 3)E.I. DUPONT PRESENTATION 12/06/72 REGARDING TEFZEL
ACCUR. SPEC: NOT APPLICABLE	R A D . 40YR/RW	2 HR 30 D 1 YR	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUALIF DERIVED FROM REF1,2,3,4	COMB. TEST & EXTRA- POL'N	H	NONE	4)OKONITE REPORT K-8.1(04/81)
ACCUR. DEM.: NOT APPLICABLE									B/M D9-1 THRU D9-5
SPECIFICATIONS: 45.008	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YRS	10CFR50 PARA 50.51	DEM QUALIF DERIVED FROM REF1,2,3,4	COMB. TEST & EXTRA- POL'N		NONE	SAFETY FUNCTION: AUXSUP
P.O #: BY FLD CWD # : / &									
PLANT LOC.: RB15									
COORDINATES X- 636.0 3 Y- 1537.0 Z- 21.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	QUALIFIED FOR SUBMERGNCE	SRB15 SL2-FSAR TABLE311-1 S365	DEM QUAL DERIVED FROM REF1,2,3,4	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE:
INSTALLED (Y/N): LTR INSTAL. REF: BY-FLD									

QUALIF EXEMPTN: NO

PARAMETER		SUPPL. REVIEW
OPERABILITY	1	62.1
TEMPERATURE	T	62.1
PRESSURE	P	62.1
REL. HUMDTY	H	62.1
CHEM. SPRAY	C	62.1
RADIATION	R	62.1
AGING	6	62.1
SUBMERGENCE	S	62.1

****
QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION
****
*
****

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 62.1

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: FOR REFS, SEE "SUBCOMPONENTS"

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 62.1

REVISION # : 03
DATE : 08/30/82

SYSTEM : CABLE & RACEWAY
TAG : B/M D9 SERIES

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1426

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : RD-26-3	OPERABIL-ITY /NORM/TEST	40 YEARS + 180 DAYS / POST DBA	40 YRS + >200 DAYS / POST DBA	SL2-FSAR TABLE 3,11-2	PAGES 3,10 OF [REF.1] / REF.2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 168 HOURS
EQUIPMENT: SENSORS / TYPE	/DBA								ACCEL TEMP: 225C
COMPONENT: RADIATION DETECTOR	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	131F NORM FIG.10 (ACC. DBA)	TRB17 SL2-FSAR TABLE311-1 T367	PAGE 10 OF [REF1],PG4 OF APP.OF REF.3,REF2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INSTRUCT ION MANUAL 3
MANUFACTURER: GENERAL ATOMIC	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM FIG.9 (ACC. DBA)	PRB17 SL2-FSAR TABLE311-1 P367	PAGE 10 OF [REF.1], REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: SEE INSTRUCT ION MANUAL
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL #: RD-8	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB17 SL2-FSAR TABLE311-1 H367	REF.1 REF.2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE RADIATION LEVEL MONITORING	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB17 SL2-FSAR TABLE311-1 C367	REF.1 REF.2	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: +/- 2%									
ACCUR. DEM.: +/- 2%	R 2 HR A 30 D D 1 YR . 40YR/RW	7.4E7 5.8E6 1.3E8 1.4E7 1.6E8 1.5E7 7.0E5 3.1E6	2E8 RADS TOTAL INTEGRATED DOSE	RRB17 SL2-FSAR TABLE311-1 R367	PAGE 5 OF [REF.1] REF.2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 029									
P.O #: 422609 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PAGES 3,6 OF [REF.1] REF.2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB17									
COORDINATES X- 755.0 Y- 1502.0 Z- 90.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SRB17 SL2-FSAR TABLE311-1 S367	NOT APPLICABLE	N/A	H	NONE	PAM 3 AUTH. REFERENCE: 7.3-1
INSTALLED (Y/N): NO									
INSTAL. REF: FV0198	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION
QUALIF EXEMPTN: NOT APPLIC									PACKAGE: 8.3
**********	OPERABILITY	8.3							
QUALIF QUALIFIED	TEMPERATURE	T 8.3							
STATUS	PRESSURE	P 8.3							
********	REL. HUMDTY	H 8.3							
*	CHEM. SPRAY	C 8.3							
**********	RADIATION	R 8.3							
PHYS DWG REF: 2998G-367	AGING	8.3							
PHYS DWG LOC:	SUBMERGENCE	S 8.3							REVISION # :03
MOUNTING : NOT APPLICABLE									DATE :08/30/82
EQ PACK # : 8.3	SAR ENV CAT: A								SYSTEM :RADIATION MONITORING
	0588 CATEG.: A								TAG :RD-26-3
	APPENDIX E								

REFERENCES:
1) GENERAL ATOMIC REPT#E-255-1047 DATED 10/81
2) IEEE323-74 USED IN QUAL.
3) GA REPORT E-255-1064 OF 2/82
4) GA REPT E-255-1063 DATED 2/82

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1427

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : RD-26-4	OPERABILITY NORM/TEST	40 YEARS + 180 DAYS' POST DBA	40 YRS + >200 DAYS POST DBA	SL2-FSAR TABLE 3.11-2	PAGES 3.10 OF [REF.1] REF.2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 168 HOURS
EQUIPMENT: SENSORS TYPE	DBA								ACCEL TEMP: 225C
COMPONENT: RADIATION DETECTOR	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	131F NORM FIG.10 (ACC. DBA)	TRB17 SL2-FSAR TABLE311-1 T367	PAGE 10 OF [REF1],PG4 OF APP.OF REF.3,REF2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INSTRUCTION MANUAL
MANUFACTURER: GENERAL ATOMIC	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM FIG.9 (ACC. DBA)	PRB17 SL2-FSAR TABLE311-1 P367	[REF.1], REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: SEE INSTRUCTION MANUAL
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : RD-8	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB17 SL2-FSAR TABLE311-1 H367	REF.1 REF.2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE RADIATION LEVEL MONITORING									
ACCUR. SPEC: +/- 2%	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB17 SL2-FSAR TABLE311-1 C367	REF.1 REF.2	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. DEM.: +/- 2%	R 2 HR A 30 D D 1 YR . 40YR/RW	7.4E7 5.8E6 1.3E8 1.4E7 1.6E8 1.5E7 7.0E5 3.1E6	2E8 RADS TOTAL INTEGRATED DOSE	RRB17 SL2-FSAR TABLE311-1 R367	PAGE 5 OF [REF.1] REF.2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 029									
P.O #: 422609 CWD # : /	AGE- INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA.50.51	PAGES 3.6 OF [REF.1] REF.2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB17									
COORDINATES X- 688.0 Y- 1433.0 Z- 90.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SRB17 SL2-FSAR TABLE311-1 S367	NOT APPLICABLE	N/A	H	NONE	PAM AUTH. REFERENCE: 7.3-1
INSTALLED (Y/N): NO									
INSTAL. REF: FV0199	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 8.3
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.3							
QUALIF QUALIFIED	TEMPERATURE T	8.3							
STATUS	PRESSURE P	8.3							
	REL. HUMDTY H	8.3							
*	CHEM. SPRAY C	8.3							
	RADIATION R	8.3							
PHYS DWG REF: 2998G-367	AGING	8.3							
PHYS DWG LOC:	SUBMERGENCE S	8.3							
MOUNTING : NOT APPLICABLE									
EQ PACK # : 8.3	SAR ENV CAT: A Q588 CATEG.: A APPENDIX E								REVISION # :03 DATE :08/30/82 SYSTEM :RADIATION MONITORING TAG :RD-26-4

REFERENCES:
1) GENERAL ATOMIC REPT#E-255-1047 DATED 10/81
2) IEEE323-74 USED IN QUAL.
3) GA REPORT E-255-1064 OF 2/82
4) GA REPT E-255-1063 DATED 2/82

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3

A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: 890 MW(E) | CES#-1428

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : RD-26-5	OPERABIL-ITY NORM/TEST	40 YEARS + 180 DAYS	40 YRS + >200 DAYS	SL2-FSAR TABLE 3,11-2	PAGES 3,10 OF [REF.1] REF.2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 168 HOURS
EQUIPMENT: SENSORS	DBA	POST DBA	POST DBA						
TYPE									ACCEL TEMP: 225C
COMPONENT: RADIATION DETECTOR	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	131F NORM FIG.10 (ACC. DBA)	TRB17 SL2-FSAR TABLE311-1 T367	PAGE 10 OF [REF1],PG4 OF APP.OF REF.3,REF2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INSTRUCT ION MANUAL
MANUFACTURER: GENERAL ATOMIC									MAINTAIN.:
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM FIG.9 (ACC. DBA)	PRB17 SL2-FSAR TABLE311-1 P367	[REF.1], REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	SEE INSTRUCT ION MANUAL SUBCOMPONENTS:
MODEL AND SERIAL #: RD-8	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB17 SL2-FSAR TABLE311-1 H367	REF.1 REF.2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE: RADIATION LEVEL MONITORING	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB17 SL2-FSAR TABLE311-1 C367	REF.1 REF.2	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: +/- 2%									
ACCUR. DEM.: +/- 2%	R 2 HR A 30 D D 1 YR . 40YR/RW	7.4E7 5.8E6 1.3E8 1.4E7 1.6E8 1.5E7 7.0E5 3.1E6	2E8 RADS TOTAL INTEGRATED DOSE	RRB17 SL2-FSAR TABLE311-1 R367	PAGE 5 OF [REF.1] REF.2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 029									
P.O #: 422609 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PAGES 3,6 OF [REF.1] REF.2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB17									
COORDINATES X- 617.0 Y- 1498.0 Z- 90.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SRB17 SL2-FSAR TABLE311-1 S367	NOT APPLICABLE	N/A	H	NONE	PAM AUTH. REFERENCE: 7.3-1
INSTALLED (Y/N): NO									
INSTAL. REF: FV0202	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 8.3
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.3							
QUALIF QUALIFIED	TEMPERATURE	T 8.3							
STATUS	PRESSURE	P 8.3							
********	REL. HUMDTY	H 8.3							
*	CHEM. SPRAY	C 8.3							
********	RADIATION	R 8.3	REFERENCES: 1)GENERAL ATOMIC REPT#E-255-1047 DATED 10/81						
PHYS DWG REF: 2998G-367	AGING	8.3	2)IEEE323-74 USED IN QUAL.						REVISION # : 03
PHYS DWG LOC:	SUBMERGENCE	S 8.3	3)GA REPORT E-255-1064 OF 2/82						DATE : 08/30/82
MOUNTING : NOT APPLICABLE			4)GA REPT E-255-1063 DATED 2/82						
EQ PACK # : 8.3	SAR ENV CAT: A								SYSTEM : RADIATION MONITORING
	0588 CATEG:: A								TAG : RD-26-5
	APPENDIX E								

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1429

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : RD-26-6	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS + 180 DAYS / POST DBA	40 YRS + >200 DAYS /POST DBA	SL2-FSAR TABLE 3.11-2	PAGES 3,10 OF [REF.1] /REF.2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 168 HOURS
EQUIPMENT: SENSORS TYPE									ACCEL TEMP: 225C
COMPONENT: RADIATION DETECTOR	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) /119FDESIGN	131F NORM FIG.10 (ACC. DBA)	TRB17 SL2-FSAR TABLE311-1 /T367	PAGE 10 OF [REF1],PG4 OF APP.OF /REF.3,REF2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INSTRUCT ION MANUAL
MANUFACTURER: GENERAL ATOMIC									MAINTAIN.: SEE INSTRUCT ION MANUAL
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM FIG.9 (ACC. DBA)	PRB17 SL2-FSAR TABLE311-1 /P367	[REF.1], /REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS: 3
MODEL AND SERIAL #: RD-8	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB17 SL2-FSAR TABLE311-1 /H367	REF.1 /REF.2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE RADIATION LEVEL MONITORING	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH 10.5	CRB17 SL2-FSAR TABLE311-1 /C367	REF.1 /REF.2	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: +/- 2%									
ACCUR. DEM.: +/- 2%	R A D .	2 HR 17.4E7 5.8E6 30 D 11.3E8 1.4E7 1 YR 11.6E8 1.5E7 40YR/RW 17.0E5 3.1E6	2E8 RADS TOTAL INTEGRATED DOSE	RRB17 SL2-FSAR TABLE311-1 /R367	PAGE 5 OF [REF.1] /REF.2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 029									
P.O #: 422609 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	PAGES 3,6 OF [REF.1] /REF.2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB17									
COORDINATES X- 685.0 Y- 1570.0 Z- 90.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SRB17 SL2-FSAR TABLE311-1 /S367	NOT APPLICABLE	N/A	H	NONE	PAM AUTH. REFERENCE: 7.3-1
INSTALLED (Y/N): NO									3
INSTAL. REF: FV0203	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 8.3
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	8.3							
QUALIF QUALIFIED	TEMPERATURE	T 8.3							
STATUS	PRESSURE	P 8.3							
********	REL. HUMDTY	H 8.3							
*	CHEM. SPRAY	C 8.3							
	RADIATION	R 8.3	REFERENCES: 1)GENERAL ATOMIC REPT#E-255-1047 DATED 10/81						
PHYS DWG REF: 2998G-367	AGING	8.3	2)IEEE323-74 USED IN QUAL.						REVISION # : 03
PHYS DWG LOC:	SUBMERGENCE	S 8.3	3)GA REPORT E-255-1064 OF 2/82						DATE : 08/30/82
MOUNTING : NOT APPLICABLE			4)GA REPT E-255-1063 DATED 2/82						
EQ PACK # : 8.3	SAR ENV CAT: A								SYSTEM : RADIATION MONITORING
	0588 CATEG.: A								TAG : RD-26-6
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1439

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : SE-03-1A	OPERABIL-ITY NORM/TEST DBA	40 YEARS NORMAL 1 MINUTE POST DBA	40 YEARS 180000CYCLS 32 CYCLS POST DBA	SL2 FSAR TABLE 3.11-2	RPT#2375 APP.A PG.6 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	/ .	NONE	ACCEL TIME: 792 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 350F
COMPONENT: SOLENOID VALVE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	108F NORM FIG. 10 ACC DBA	TRB15 SL2-FSAR TABLE311-1 T365	RPT#2375 APP.A PG.9 PG. 6,10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INST. MANUAL
MANUFACTURER: TARGET ROCK									MAINTAIN.: SEE INST. MANUAL
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	ATMOS NORM FIG. 9 (ACC. DBA)	PRB15 SL2-FSAR TABLE311-1 P365	RPT#2375 APP.A PG.9 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: 78E-001/1	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100% ACCID ENT 100% ABNORMAL	HRB15 SL2-FSAR TABLE311-1 H365	RPT#2375 APP.A PG.9 PG.6,10 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE S.I. TANK FILL & DRAIN VALVE									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B 50 PPM OF HYDRAZINE PH 8.6-10	CRB15 SL2-FSAR TABLE311-1 C365	RPT#2375 APP.A PG.9 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	12.0E6 3.0E5 12.9E7 2.1E6 13.5E7 2.2E6 16.0E4 2.5E5	3.53E7RADS INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	RPT#2375 APP.C PGS. 1-3 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 110A									
P.O #:422662 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YEARS	10CFR50 PARA 50.51	RPT#2375 APP.A PG.6 APP.F(APP.I,P.3)REF1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB16									
COORDINATES X- 617.0 Y- 1505.0 Z- 27.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICALBE	N/A	H	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0401	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:35.6
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	35.6							
QUALIF QUALIFIED-FOR	TEMPERATURE T	35.6							
STATUS INTERIM OPERATION	PRESSURE P	35.6							
	REL. HUMDTY H	35.6							
	CHEM. SPRAY C	35.6							
	RADIATION R	35.6	REFERENCES: 1.IEEE 323-74,382-72 USED IN THE QUALIFICATION.						
PHYS DWG REF: 2998G-365	AGING	35.6							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	35.6							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 35.6	SAR ENV CAT: A								SYSTEM :SAFETY INJECTION
	0588 CATEG.: A								TAG :SE-03-1A
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1440

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : SE-03-1B	OPERABIL-ITY NORM/TEST DBA	40 YEARS NORMAL 1 MINUTE POST DBA	40 YEARS 18000CYCLS 32 CYCLS POST DBA	SL2 FSAR TABLE 3.11-2	RPT#2375 APP.A PG.6 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 792 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 350F
COMPONENT: SOLENOID VALVE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	108F NORM FIG. 10 ACC DBA	TRB16 SL2-FSAR TABLE311-1 T366	RPT#2375 APP.A PG.9 PG. 6,10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INST. MANUAL
MANUFACTURER: TARGET ROCK									MAINTAIN.:
MAJOR : NOT SUPPLIER APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	ATMOS NORM FIG. 9 (ACC. DBA)	PRB16 SL2-FSAR TABLE311-1 P366	RPT#2375 APP.A PG.9 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	SEE INST. MANUAL SUBCOMPONENTS:
MODEL AND: 78E-006/2 SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100% ACCID ENT 100% ABNORMAL	HRB16 SL2-FSAR TABLE311-1 H366	RPT#2375 APP.A PG.9 PG.6,10 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: S.I. TANK FILL & SERVICE & DRAIN VALVE									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B 50 PPM OF HYDRAZINE PH 8.6-10	CRB16 SL2-FSAR TABLE311-1 C366	RPT#2375 APP.A PG.9 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	3.53E7RADS INTEGRATED DOSE	RRB16B SL2-FSAR TABLE311-1 R366	RPT#2375 APP.C PGS. 1-3 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 110A									
P.O #:422662 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YEARS	10CFR50 PARA 50.51	RPT#2375 APP.A PG.6 APP.F(APP. II,P.3)REF1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB16									ESF
COORDINATES X- 744.0 Y- 1471.0 Z- 45.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB16 SL2-FSAR TABLE311-1 S366	NOT APPLICABLE	N/A	H	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0402	PARA-METER	SUPPL. REVIEW.	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 35.6
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	35.6							
QUALIF QUALIFIED-FOR	TEMPERATURE T	35.6							
STATUS INTERIM OPERATION	PRESSURE P	35.6							
	REL. HUMDTY H	35.6							
	CHEM. SPRAY C	35.6							
	RADIATION R	35.6	REFERENCES: 1.IEEE 323-74,382-72 USED IN THE QUALIFICATION.						
PHYS DWG REF: 2998G-366	AGING	35.6							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	35.6							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 35.6	SAR ENV CAT: A								SYSTEM :SAFETY INJECTION
	0588 CATEG.: A								TAG :SE-03-1B
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEE! CAPACITY: 890 MW(E) CES#-1441

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : SE-03-1C	OPERABIL-ITY	40 YEARS NORMAL	40 YEARS 180000CYCLS	SL2 FSAR TABLE	RPT#2375 APP.A PG.6	COMB. TEST &	/	NONE	ACCEL TIME: 792 HRS
	NORM/TEST	1 MINUTE	32 CYCLS	3.11-2	PG.10	EXTRA-			
EQUIPMENT: VALVE OPERATORS	DBA	POST DBA	POST DBA		REF.1	POL'N	.		ACCEL TEMP:
TYPE									350F
	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	108F NORM FIG. 10 ACC DBA	TRB16 SL2-FSAR TABLE311-1 T366	RPT#2375 APP.A PG.9 PG. 6,10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INST. MANUAL
COMPONENT: SOLENOID VALVE									
MANUFACTURER: TARGET ROCK									MAINTAIN.:
	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	ATMOS NORM FIG. 9 (ACC. DBA)	PRB16 SL2-FSAR TABLE311-1 P366	RPT#2375 APP.A PG.9 PG.10 . REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	SEE INST. MANUAL
MAJOR : NOT SUPPLIER APPLICABLE									SUBCOMPONENTS:
MODEL AND: 78E-006/1005 SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100% ACCIDENT 100%	HRB16 SL2-FSAR TABLE311-1	RPT#2375 APP.A PG.9 PG.6,10	COMB. TEST & EXTRA-	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: S.I. TANK FILL & SERVICE & DRAIN VALVE			ABNORMAL	H366	REF.1	POL'N			
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B 50 PPM OF HYDRAZINE PH 8.6-10	CRB16 SL2-FSAR TABLE311-1 C366	RPT#2375 APP.A PG.9 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	3.53E7RADS INTEGRATED DOSE	RRB16B SL2-FSAR TABLE311-1 R366	RPT#2375 APP.C PGS. 1-3 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 110A									
P.O #:422662 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YEARS	10CFR50 PARA 50.51	RPT#2375 APP.A PG.6 APP.F(APP. II,P.3)REF1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB16									ESF
COORDINATES X- 631.0 Y- 1528.0 Z- 46.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB16 SL2-FSAR TABLE311-1 S366	NOT APPLICABLE	N/A	H	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0403	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 35.6
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	35.6							
QUALIF QUALIFIED-FOR	TEMPERATURE T	35.6							
STATUS INTERIM OPERATION	PRESSURE P	35.6							
********	REL. HUMDTY H	35.6							
*	CHEM. SPRAY C	35.6	REFERENCES: 1.IEEE 323-74,382-72 USED IN THE QUALIFICATION.						
**********	RADIATION R	35.6							
PHYS DWG REF: 2998G-366	AGING	35.6							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	35.6							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 35.6	SAR ENV CAT: A								SYSTEM :SAFETY INJECTION
	0588 CATEG.: A								TAG :SE-03-1C
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1442

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : SE-03-1D	OPERABIL-ITY	40 YEARS	40 YEARS	SL2	RPT#2375	COMB.	/	NONE	ACCEL TIME:
		NORMAL	18000CYCLS	FSAR TABLE	APP.A PG.6	TEST &			792 HRS
	NORM/TEST	1 MINUTE	32 CYCLS	3.11-2	PG.10	EXTRA-			
EQUIPMENT: VALVE OPERATORS	DBA	POST DBA	POST DBA		REF.1	POL'N			ACCEL TEMP:
TYPE									350F
	TEMPERAT-URE	115F NORM	108F NORM	TRB16	RPT#2375	COMB.	H	NONE	
COMPONENT: SOLENOID VALVE		FIG. 10	FIG. 10	SL2-FSAR	APP.A PG.9	TEST &			REPLACEMENT:
		(ACC. DBA)		TABLE311-1	PG. 6,10	EXTRA-			SEE INST.
		119FDESIGN	ACC DBA	T366	REF.1	POL'N			MANUAL
MANUFACTURER: TARGET ROCK									MAINTAIN.:
	PRESSURE	OPSIG NORM	ATMOS NORM	PRB16	RPT#2375	COMB.	H	NONE	SEE INST.
		FIG. 9	FIG. 9	SL2-FSAR	APP.A PG.9	TEST &			MANUAL
MAJOR : NOT		(ACC. DBA)	(ACC. DBA)	TABLE311-1	PG.10	EXTRA-			SUBCOMPONENTS:
SUPPLIER APPLICABLE				P366	REF.1	POL'N			
	RELATIVE HUMIDITY	45 TO 100%	100%	HRB16	RPT#2375	COMB.	/	NONE	NO UNIQUE TAGGED
MODEL AND: 78E-006/1209		100%	ACCIDENT	SL2-FSAR	APP.A PG.9	TEST &			SUBCOMPONENTS ARE
SERIAL #		(ACC. DBA)	100%	TABLE311-1	PG.6,10	EXTRA-			ENVELOPED BY THIS
FUNCT.DES: S.I. TANK FILL			ABNORMAL	H366	REF.1	POL'N			EQUIPMENT
& SERVICE & DRAIN VALVE									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ	6200 PPM B 150 PPM OF HYDRAZINE	CRB16	RPT#2375	COMB.	H	NONE	
				SL2-FSAR	APP.A PG.9	TEST &			
				TABLE311-1	REF.1	EXTRA-			
ACCUR. SPEC: NOT		PH 4.9-7.0	PH 8.6-10	C366		POL'N			
APPLICABLE									
	R A D	2 HR 30 D 1 YR	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6	RRB16B SL2-FSAR TABLE311-1	RPT#2375 APP.C PGS. 1-3	COMB. TEST & EXTRA-	H	NONE	
ACCUR. DEM.: NOT APPLICABLE									
		40YR/RW	3.0E4 1.5E6	R366	REF.1	POL'N			
SPECIFICATIONS: 110A									
	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YEARS	10CFR50 PARA 50.51	RPT#2375 APP.A PG.6 APP.F(APP. I,P.3)REF1	COMB. TEST & EXTRA-	/	NONE	SAFETY FUNCTION:
P.O #:422662 CWD # : /									
PLANT LOC.: RB16									ESF
	SUBMERGED	26.0 FT MAXIMUM	NOT APPLICABLE	SRB16 SL2-FSAR	NOT APPLICABLE	N/A	H	NONE	
COORDINATES X- 624.0		FIG. 11		TABLE311-1					
Y- 1514.0		(ACC.DBA)		S366					AUTH. REFERENCE:
Z- 46.0									7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0404	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 35.6
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	35.6							
QUALIF QUALIFIED-FOR	TEMPERATURE	T 35.6							
STATUS INTERIM OPERATION	PRESSURE	P 35.6							
********	REL. HUMDTY	H 35.6							
*	CHEM. SPRAY	C 35.6							
**********	RADIATION	R 35.6	REFERENCES: 1.IEEE 323-74,382-72 USED IN THE QUALIFICATION.						
PHYS DWG REF: 2998G-366	AGING	35.6							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 35.6							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 35.6	SAR ENV CAT: A								SYSTEM :SAFETY INJECTION
	0588 CATEG.: A								TAG :SE-03-1D
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1443

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : SE-03-2A	OPERABIL-ITY NORM/TEST DBA	40 YEARS NORMAL 1 MINUTE POST DBA	40 YEARS 180000CYCLS 32 CYCLS POST DBA	SL2 FSAR TABLE 3.11-2	RPT#2375 APP.A PG.6 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 792 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 350F
COMPONENT: SOLENOID VALVE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	108F NORM FIG. 10 ACC DBA	TRB15 SL2-FSAR TABLE311-1 T365	RPT#2375 APP.A PG.9 PG. 6,10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INST. MANUAL
MANUFACTURER: TARGET ROCK									MAINTAIN.: SEE INST. MANUAL
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	ATMOS NORM FIG. 9 (ACC. DBA)	PRB15 SL2-FSAR TABLE311-1 P365	RPT#2375 APP.A PG.9 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: 78E-007/1 SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100% ACCID ENT 100% ABNORMAL	HRB15 SL2-FSAR TABLE311-1 H365	RPT#2375 APP.A PG.9 PG.6,10 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE S.I. TANK TEST LINE VALVE TO RWT									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B 50 PPM OF HYDRAZINE PH 8.6-10	CRB15 SL2-FSAR TABLE311-1 C365	RPT#2375 APP.A PG.9 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	R A D	2 HR 30 D 1 YR . 40YR/RW	2.0E6 2.9E7 3.5E7 6.0E4	3.0E5 2.1E6 2.2E6 2.5E5	3.53E7RADS INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	RPT#2375 APP.C PGS. 1-3 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	NOTE1)SUBMERGED VALVES COVERED BY TARGET ROCK REPORT #1681
SPECIFICATIONS: 110A									
P.O #:422662 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YEARS	10CFR50 PARA 50.51	RPT#2375 APP.A PG.6 APP.F(APP. II,P.3) REF1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB15									ESF
COORDINATES X- 626.0 Y- 1464.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOTE 1	SRB15 SL2-FSAR TABLE311-1 S365	NOTE 1	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									

INSTAL. REF: FV0406
QUALIF EXEMPTN: NOT APPLIC

****
QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION
****
*
****

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 35.6

PARAMETER	SUPPL. REVIEW
OPERABILITY	35.6
TEMPERATURE T	35.6
PRESSURE P	35.6
REL. HUMDTY H	35.6
CHEM. SPRAY C	35.6
RADIATION R	35.6
AGING	35.6
SUBMERGENCE S	35.6

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1. IEEE 323-74,382-72 USED IN THE QUALIFICATION.

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:35.6

REVISION # :03
DATE :08/30/82

SYSTEM :SAFETY INJECTION
TAG :SE-03-2A

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1444

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : SE-03-2B	OPERABIL-ITY	40 YEARS NORMAL	40 YEARS 1800 CYCLS	SL2 FSAR TABLE	RPT#2375 APP.A PG.6	COMB. TEST &	/	NONE	ACCEL TIME: 792 HRS
	NORM/TEST	1 MINUTE	32 CYCLS	3.11-2	PG.10	EXTRA-			
EQUIPMENT: VALVE OPERATORS	DBA	POST DBA	POST DBA		REF.1	POL'N			ACCEL TEMP:
TYPE									350F
	TEMPERAT-URE	115F NORM	108F NORM	TRB15	RPT#2375	COMB.	H	NONE	
COMPONENT: SOLENOID VALVE		FIG. 10	FIG. 10	SL2-FSAR	APP.A PG.9	TEST &			REPLACEMENT:
		(ACC. DBA)		TABLE311-1	PG. 6,10	EXTRA-			SEE INST.
		119FDESIGN	ACC DBA	T365	REF.1	POL'N			MANUAL
MANUFACTURER: TARGET ROCK									MAINTAIN.:
	PRESSURE	OPSIG NORM	ATMOS NORM	PRB15	RPT#2375	COMB.	H	NONE	SEE INST.
		FIG. 9	FIG. 9	SL2-FSAR	APP.A PG.9	TEST &			MANUAL
MAJOR : NOT		(ACC. DBA)	(ACC. DBA)	TABLE311-1	PG.10	EXTRA-			SUBCOMPONENTS:
SUPPLIER APPLICABLE				P365	REF.1	POL'N			
									NO UNIQUE TAGGED
MODEL AND: 78E-007/2	RELATIVE HUMIDITY	45 TO 100%	100%	HRB15	RPT#2375	COMB.	/	NONE	SUBCOMPONENTS ARE
SERIAL #		100%	ACCIDENT	SL2-FSAR	APP.A PG.9	TEST &			ENVELOPED BY THIS
		(ACC. DBA)	100%	TABLE311-1	PG.6,10	EXTRA-			EQUIPMENT
FUNCT.DES: S.I. TANK TEST			ABNORMAL	H365	REF.1	POL'N			
& SERVICE LINE VALVE TO RWT									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B 150 PPM OF HYDRAZINE PH8.6-10.0	CRB15 SL2-FSAR TABLE311-1 C365	RPT#2375 APP.A PG.9 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									NOTE1)SUBMERGED
	R	2 HR 2.0E6	3.0E5	3.53E7RADS	RRB15B	RPT#2375	COMB.	H	NONE	VALVES COVERED BY
ACCUR. DEM.: NOT APPLICABLE	A	30 D 2.9E7	2.1E6	INTEGRATED	SL2-FSAR	APP.C PGS.	TEST &			TARGET ROCK REPORT
	D	1 YR 3.5E7	2.2E6	DOSE	TABLE311-1	1-3	EXTRA-			#1681
	.	40YR/RW 6.0E4	2.5E5		R365	REF.1	POL'N		
SPECIFICATIONS: 110A									
	AGE- INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YEARS	10CFR50 PARA 50.51	RPT#2375 APP.A PG.6 APP.F(APP. II,P.3)REF1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
P.O #:422662 CWD # : /									
PLANT LOC.: R815									ESF
	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOTE 1	SRB15 SL2-FSAR TABLE311-1 S365	NOTE 1	COMB. TEST & EXTRA- POL'N	H	NONE	
COORDINATES X- 626.0 Y- 1534.0 Z- 20.0									AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0407	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:35.6
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	35.6							
QUALIF QUALIFIED-FOR	TEMPERATURE T	35.6							
STATUS INTERIM OPERATION	PRESSURE P	35.6							
	REL. HUMDTY H	35.6							
	CHEM. SPRAY C	35.6	REFERENCES: 1.IEEE 323-74,382-72 USED IN THE QUALIFICATION.						
	RADIATION R	35.6							
PHYS DWG REF: 2998G-365	AGING	35.6							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	35.6							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 35.6	SAR ENV CAT: A								SYSTEM :SAFETY INJECTION
	0588 CATEG.: A								TAG :SE-03-2B
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1520

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-1111X	OPERABILITY NORM/TEST DBA	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	REF 1,2,3	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE									ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TRB15 SL2-FSAR TABLE311-1 T365	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	REF 1,2,3	REPLACEMENT: REF 2
MANUFACTURER: RDF CORP									MAINTAIN.: REF 2
MAJOR SUPPLIER : CE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PRB15 SL2-FSAR TABLE311-1 P365	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	REF 1,2,3	SUBCOMPONENTS:
MODEL AND SERIAL #: P/N-21233 S/N-139	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	HRB15 SL2-FSAR TABLE311-1 H365	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	REF 1,2,3	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT REF 3.HIGH CONFI-
FUNCT.DES: & SERVICE REACTOR COOLANT TEMPERATURE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	WILL ENVELOP REQUIRMNTS REF 1,2,3	CRB15 SL2-FSAR TABLE311-1 C365	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	REF 1,2,3	DENCE EXISTS THAT INORGANIC INSULATED RTD CAN BE DEMONSTRATED QUALIFIED.
ACCUR. SPEC: +-0.4%									NOTE 1: FLD
ACCUR. DEM.: LTR	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	WILL ENVELOP REQUIRMNTS REF 1,2,3	RRB15A SL2-FSAR TABLE311-1 R365	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	REF 1,2,3	VERIFIED AT ELEV. >26 FT.
SPECIFICATIONS: 100									
P.O #: 071938 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	REF 1,2,3	SAFETY FUNCTION: RPS PAM
PLANT LOC.: RB15									
COORDINATES X- 709.0 Y- 1500.00 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	SRB15 SL2-FSAR TABLE311-1 S365	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	REF 1,2,3	PAM AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): YES									
INSTAL. REF: FV0216									
QUALIF EXEMPTN: NOT EXEMPT									

PARAMETER	SUPPL. REVIEW
OPERABILITY	39.1
TEMPERATURE T	39.1
PRESSURE P	39.1
REL. HUMDTY H	39.1
CHEM. SPRAY C	39.1
RADIATION R	39.1
AGING	39.1
SUBMERGENCE S	39.1

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 39.1

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS. 2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1

REVISION # : 03
DATE : 08/30/82

SYSTEM : REACTOR COOLANT
TAG : TE-1111X

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1521

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-1111Y	OPERABIL-ITY NORM/TEST DBA	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	CE GENERIC PROGRAM 13172-ICE I-3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE									ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TRB15 SL2-FSAR TABLE311-1 T365	CE GENERIC PROGRAM 13172-ICE I-3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 2 3
MANUFACTURER: RDF CORP									MAINTAIN.: REF 2
MAJOR SUPPLIER : CE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PRB15 SL2-FSAR TABLE311-1 P365	CE GENERIC PROGRAM 13172-ICE I-3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: P/N-212337 SERIAL # S/N-128	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	HRB15 SL2-FSAR TABLE311-1 H365	CE GENERIC PROGRAM 13172-ICE I-3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT REF 3.HIGH CONFI-
FUNCT.DES: & SERVICE REACTOR COOLANT TEMPERATURE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	WILL ENVELOP REQUIRMNTS REF 1,2,3	CRB15 SL2-FSAR TABLE311-1 C365	CE GENERIC PROGRAM 13172-ICE I-3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	DENCE EXISTS THAT INORGANIC INSULA TED RTD CAN BE DEMONSTRATED QUALIFIED.
ACCUR. SPEC: +-0.4%									NOTE 1: FLD
ACCUR. DEM.: LTR	R A D .	2 HR 30 D 1 YR 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	WILL ENVELOP REQUIRMNTS REF 1,2,3	RRB15A SL2-FSAR TABLE311-1 R365	CE GENERIC PROGRAM 13172-ICE I-3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	VERIFIED AT ELEV. >26 FT.
SPECIFICATIONS: 100									
P.O #:071938 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	CE GENERIC PROGRAM 13172-ICE I-3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS PAM
PLANT LOC.: RB15									
COORDINATES X- 706.0 Y- 1483.00 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	SRB15 SL2-FSAR TABLE311-1 S365	CE GENERIC PROGRAM 13172-ICE I-3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	PAM 3 AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): YES									
INSTAL. REF: FV0217									
QUALIF EXEMPTN: NOT APPLIC									

PARA-METER	SUPPL. REVIEW
OPERABILITY	39.1
TEMPERATURE T	39.1
PRESSURE P	39.1
REL. HUMDTY H	39.1
CHEM. SPRAY C	39.1
RADIATION R	39.1
AGING	39.1
SUBMERGENCE S	39.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1

REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS. 2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT

REVISION # :03
DATE :08/30/82

SYSTEM :REACTOR COOLANT
TAG :TE-1111Y

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 39.1

SAR ENV CAT: A
O588 CATEG.: A
APPENDIX E

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1522

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-1112CA	OPERABILITY / NORM/TEST DBA	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	REF 1,2,3	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE									ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TRB15 SL2-FSAR TABLE311-1 T365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	REF 1,2,3	REPLACEMENT: REF 2
MANUFACTURER: RDF CORP									MAINTAIN.: REF 2
MAJOR : CE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PRB15 SL2-FSAR TABLE311-1 P365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	REF 1,2,3	SUBCOMPONENTS:
MODEL AND: FAST RESPONSE SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	HRB15 SL2-FSAR TABLE311-1 H365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	REF 1,2,3	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: REACTOR & SERVICE COOLANT TEMPERATURE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	WILL EVELOP REQUIRMNTS REF 1,2,3	CRB15 SL2-FSAR TABLE311-1 C365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	REF 1,2,3	REF 3.HIGH CONFIDENCE EXISTS THAT INORGANIC INSULATED RTD CAN BE DEMONSTRATED QUALIFIED.
ACCUR. SPEC: +-0.4%									
ACCUR. DEM.: LTR	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	WILL ENVELOP REQUIRMNTS REF 1,2,3	RRB15A SL2-FSAR TABLE311-1 R365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	REF 1,2,3	
SPECIFICATIONS: 100									
P.O #: 071938 CWD # : /	AGE- INST LIFE (PER 323-1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	REF 1,2,3	SAFETY FUNCTION: RPS PAM
PLANT LOC.: RB15									
COORDINATES X- 706.0 Y- 1484.00 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	SRB15 SL2-FSAR TABLE311-1 S365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	REF 1,2,3	PAM AUTH. REFERENCE: CE-ML 3
INSTALLED (Y/N): NO									
INSTAL. REF: FV0423	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1
QUALIF EXEMPTN: NOT EXEMPT									
**********	OPERABILITY	39.1							
QUALIF RETEST	TEMPERATURE	T 39.1							
STATUS	PRESSURE	P 39.1							
********	REL. HUMDTY	H 39.1							
*	CHEM. SPRAY	C 39.1	REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS. 2.UNDERGOING GENERIC TEST BY CE TO EVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT						
**********	RADIATION	R 39.1							
PHYS DWG REF: 2998G-365	AGING	39.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 39.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 39.1	SAR ENV CAT: A								SYSTEM :REACTOR COOLANT
	0588 CATEG.: A								TAG :TE-1112CA
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1523

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM.	QUALIF.	DOCUMENTATION ACTUAL	DEM.	QUALIF.	METHOD	H/M	OUTS ITEMS	
		1	2		3	4		5	6	7	
TAG NO : TE-1112CB	OPERABIL-ITY NORM/TEST	CONTINUOUS REF 1	CONTINUOUS REF 2		FSAR TABLE 3.11-2	CE GENERIC PROGRAM 13172-ICE -3535 R01		COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE	DBA										ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3		TRB15 SL2-FSAR TABLE311-1 T365	CE GENERIC PROGRAM 13172-ICE -3535 R01		COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 2
MANUFACTURER: RDF CORP											MAINTAIN.: REF 2
MAJOR SUPPLIER : CE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3		PRB15 SL2-FSAR TABLE311-1 P365	CE GENERIC PROGRAM 13172-ICE -3535 R01		COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: FAST RESPONSE	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3		HRB15 SL2-FSAR TABLE311-1 H365	CE GENERIC PROGRAM 13172-ICE -3535 R01		COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE REACTOR COOLANT TEMPERATURE											REF 3.HIGH CONFI-
ACCUR. SPEC: +-0.4%	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	WILL ENVELOP REQUIRMNTS REF 1,2,3		CRB15 SL2-FSAR TABLE311-1 C365	CE GENERIC PROGRAM 13172-ICE -3535 R01		COMB. TEST & EXTRA- POL'N	H	NONE	DENCE EXISTS THAT INORGANIC INSULA TED RTD CAN BE DEMONSTRATED QUALIFIED.
ACCUR. DEM.: LTR	R A D . 40YR/RW	2 HR 30 D 1 YR	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	WILL ENVELOP REQUIRMNTS REF 1,2,3	RRB15A SL2-FSAR TABLE311-1 R365	CE GENERIC PROGRAM 13172-ICE -3535 R01		COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 100											
P.O #: 071938 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3		10CFR50 PARA 50.51	CE GENERIC PROGRAM 13172-ICE -3535 R01		COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS PAM
PLANT LOC.: RB15											
COORDINATES X- 708.0 Y- 1511.00 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3		SRB15 SL2-FSAR TABLE311-1 S365	CE GENERIC PROGRAM 13172-ICE -3535 R01		COMB. TEST & EXTRA- POL'N	H	NONE	PAM
INSTALLED (Y/N): NO											AUTH. REFERENCE: CE-ML
INSTAL. REF: FV0218											
QUALIF EXEMPTN: NOT APPLIC											

PARAMETER	SUPPL. REVIEW
OPERABILITY	39.1
TEMPERATURE T	39.1
PRESSURE P	39.1
REL. HUMDTY H	39.1
CHEM. SPRAY C	39.1
RADIATION R	39.1
AGING	39.1
SUBMERGENCE S	39.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1

QUALIF RETEST *STATUS* ********

REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS. 2.UNDERGOING GENERIC TEST BY CE TO EVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 39.1

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

REVISION # :03
DATE :08/30/82

SYSTEM :REACTOR COOLANT
TAG :TE-1112CB

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1524

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-1112CC	OPERABIL-ITY /NORM/TEST /DBA	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: TYPE PRIMARY ELEMENT									ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TRB15 SL2-FSAR TABLE311-1 T365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 2
MANUFACTURER: RDF CORP 129	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PRB15 SL2-FSAR TABLE311-1 P365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 2
MAJOR SUPPLIER : CE									SUBCOMPONENTS:
MODEL AND: SERIAL # P/N-21233ONSE S/N-129	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	HRB15 SL2-FSAR TABLE311-1 H365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT REF 3.HIGH CONFI-
FUNCT.DES: & SERVICE REACTOR COOLANT TEMPERATURE									DENCE EXISTS THAT
ACCUR. SPEC: +-0.4%	CHEMICAL SPRAY	1720-2150 PPM B. 50- 65PPM HYDZ PH 4.9-7.0	WILL ENVELOP REQUIRMNTS REF 1,2,3	CRB15 SL2-FSAR TABLE311-1 C365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	INORGANIC INSULA TED RTD CAN BE DEMONSTRATED QUALIFIED.
ACCUR. DEM.: LTR	R A D .	2 HR 30 D 1 YR 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	WILL ENVELOP REQUIRMNTS REF 1,2,3	RRB15A SL2-FSAR TABLE311-1 R365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	NOTE 1: FLD VERIFIED AT ELEV. >26 FT.
SPECIFICATIONS: 100									
P.O #:071938 CWD # : /	AGE- INST LIFE (PER 323- 1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS PAM
PLANT LOC.: RB15									
COORDINATES X- 707.0 Y- 1484.00 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	SRB15 SL2-FSAR TABLE311-1 S365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	PAM AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): YES									
INSTAL. REF:FV0219	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:39.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	39.1							
QUALIF RETEST *STATUS*	TEMPERATURE	T 39.1							
	PRESSURE	P 39.1							
	REL. HUMDTY	H 39.1							
	CHEM. SPRAY	C 39.1							
	RADIATION	R 39.1	REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS. 2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT						
PHYS DWG REF: 2998G-365	AGING	39.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 39.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 39.1	SAR ENV CAT: A								SYSTEM :REACTOR COOLANT
	0588 CATEG.: A								TAG :TE-1112CC
	APPENDIX E								

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1525

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-1112CD	OPERABIL-ITY NORM/TEST DBA	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE									ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TRB15 SL2-FSAR TABLE311-1 T365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 2
MANUFACTURER: RDF CORP									MAINTAIN.: REF 2
MAJOR SUPPLIER : CE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PRB15 SL2-FSAR TABLE311-1 P365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS: 3
MODEL AND SERIAL # : FAST RESPONSE	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	HRB15 SL2-FSAR TABLE311-1 H365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE REACTOR COOLANT TEMPERATURE									REF 3.HIGH CONFIDENCE EXISTS THAT
ACCUR. SPEC: +-0.4%	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	WILL ENVELOP REQUIRMNTS REF 1,2,3	CRB15 SL2-FSAR TABLE311-1 C365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	INORGANIC INSULATED RTD CAN BE DEMONSTRATED QUALIFIED.
ACCUR. DEM.: LTR	R A D .	2 HR 30 D 1 YR 40YR/RW	4.5E6 5.8E7 6.8E7 7.0E5 1.2E6 6.2E6 7.6E6 3.0E6	WILL ENVELOP REQUIRMNTS REF 1,2,3	RRB15A SL2-FSAR TABLE311-1 R365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE
SPECIFICATIONS: 0005									3
P.O #: 071938 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS PAM
PLANT LOC.: RB15									
COORDINATES X- 707.0 Y- 1511.00 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	SRB15 SL2-FSAR TABLE311-1 S365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	PAM
INSTALLED (Y/N): NO									AUTH. REFERENCE: CE-ML
INSTAL. REF: FV0220	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	39.1							
QUALIF RETEST *STATUS*	TEMPERATURE	T 39.1							
	PRESSURE	P 39.1							
	REL. HUMDTY	H 39.1							
	CHEM. SPRAY	C 39.1							
	RADIATION	R 39.1	REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS. 2.UNDERGOING GENERIC TEST BY CE TO EVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT						
PHYS DWG REF: 2998G-365	AGING	39.1							REVISION # : 03
PHYS DWG LOC:	SUBMERGENCE	S 39.1							DATE : 08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 39.1	SAR ENV CAT: A								SYSTEM : REACTOR COOLANT
	0588 CATEG.: A								TAG : TE-1112CD
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1526

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : TE-1112HA	OPERABIL-ITY NORM/TEST DBA	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE									ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TRB15 SL2-FSAR TABLE311-1 T365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 2
MANUFACTURER: RDF CORP									MAINTAIN.: REF 2
MAJOR SUPPLIER : CE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PRB15 SL2-FSAR TABLE311-1 P365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL # : FAST RESPONSE	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	HRB15 SL2-FSAR TABLE311-1 H365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT REF 3.HIGH CONFI-
FUNCT.DES: & SERVICE REACTOR COOLANT TEMPERATURE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	WILL ENVELOP REQUIRMNTS REF 1,2,3	CRB15 SL2-FSAR TABLE311-1 C365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	DENCE EXISTS THAT INORGANIC INSULA TED RTD CAN BE DEMONSTRATED QUALIFIED.
ACCUR. SPEC: +-0.4%									
ACCUR. DEM.: LTR	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	WILL ENVELOP REQUIRMNTS REF 1,2,3	RRB15A SL2-FSAR TABLE311-1 R365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 100									
P.O #: 071938 CWD # : /	AGE- INST LIFE (PER 323-1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS PAM
PLANT LOC.: RB15									
COORDINATES X- 708.0 Y- 1499.00 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	SRB15 SL2-FSAR TABLE311-1 S365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	PAM AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): NO									
INSTAL. REF: FV0221	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	39.1							
QUALIF RETEST *STATUS*	TEMPERATURE	T 39.1							
	PRESSURE	P 39.1							
	REL. HUMDTY	H 39.1							
	CHEM. SPRAY	C 39.1							
	RADIATION	R 39.1	REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS. 2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT						
PHYS DWG REF: 2998G-365	AGING	39.1							REVISION # : 03
PHYS DWG LOC:	SUBMERGENCE	S 39.1							DATE : 08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 39.1	SAR ENV CAT: A 0588 CATEG.: A APPENDIX E								SYSTEM : REACTOR COOLANT TAG : TE-1112HA

3

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1527

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-1112HB	OPERABIL-ITY NORM/TEST DBA	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE									ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TRB15 SL2-FSAR TABLE311-1 T365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 2
MANUFACTURER: RDF CORP									MAINTAIN.: REF 2
MAJOR SUPPLIER : CE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PRB15 SL2-FSAR TABLE311-1 P365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL # : FAST RESPONSE	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	HRB15 SL2-FSAR TABLE311-1 H365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT REF 3.HIGH CONFI-DENCE EXISTS THAT
FUNCT.DES: & SERVICE REACTOR COOLANT TEMP-ERATURE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	WILL ENVELOP REQUIRMNTS REF 1,2,3	CRB15 SL2-FSAR TABLE311-1 C365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	INORGANIC INSULA TED RTD CAN BE DEMONSTRATED QUALIFIED.
ACCUR. SPEC: +-0.4%									
ACCUR. DEM.: LTR	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	WILL ENVELOP REQUIRMNTS REF 1,2,3	RRB15A SL2-FSAR TABLE311-1 R365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 100									
P.O #: 071938 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: RB15									
COORDINATES X- 708.0 Y- 1501.00 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	SRB15 SL2-FSAR TABLE311-1 S365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): NO									
INSTAL. REF: FV0222									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	39.1
TEMPERATURE T	39.1
PRESSURE P	39.1
REL. HUMDTY H	39.1
CHEM. SPRAY C	39.1
RADIATION R	39.1
AGING	39.1
SUBMERGENCE S	39.1

QUALIF RETEST
STATUS
****

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 39.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS. 2.UNDERGOING GENERIC TEST BY CE, TO ENVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1

REVISION # : 03
DATE : 08/30/82

SYSTEM : REACTOR COOLANT
TAG : TE-1112HB

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1528

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-1112HC	OPERABIL-ITY /NORM/TEST /DBA	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE									ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TRB15 SL2-FSAR TABLE311-1 T365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 2
MANUFACTURER: RDF CORP									MAINTAIN.: REF 2
MAJOR SUPPLIER : CE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PRB15 SL2-FSAR TABLE311-1 P365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL # : P/N-21233 S/N-117	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	HRB15 SL2-FSAR TABLE311-1 H365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT REF 3.HIGH CONFI-
FUNCT.DES: & SERVICE REACTOR COOLANT TEMP-ERATURE									DENCE EXISTS THAT
ACCUR. SPEC: +-0.4%	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	WILL ENVELOP REQUIRMNTS REF 1,2,3	CRB15 SL2-FSAR TABLE311-1 C365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	INORGANIC INSULA TED RTD CAN BE DEMONSTRATED QUALIFIED.
ACCUR. DEM.: LTR	R A D .	2 HR 30 D 1 YR 40YR/RW	4.5E6 5.8E7 6.8E7 7.0E5	1.2E6 6.2E6 7.6E6 3.0E6	WILL ENVELOP REQUIRMNTS REF 1,2,3	RRB15A SL2-FSAR TABLE311-1 R365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	NOTE 1: FLD VERIFIED AT ELEV. >26 FT.
SPECIFICATIONS: 100									
P.O #: 071938 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: RB15									
COORDINATES X- 710.0 Y- 1499.00 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	SRB15 SL2-FSAR TABLE311-1 S365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): YES									
INSTAL. REF: FV0223	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	39.1							
QUALIF RETEST *STATUS*	TEMPERATURE	T 39.1							
	PRESSURE	P 39.1							
	REL. HUMDTY	H 39.1							
	CHEM. SPRAY	C 39.1							
	RADIATION	R 39.1							
PHYS DWG REF: 2998G-365	AGING	39.1							
PHYS DWG LOC:	SUBMERGENCE	S 39.1							
MOUNTING : NOT APPLICABLE									
EQ PACK # : 39.1	SAR ENV CAT: A								
	0588 CATEG.: A								
	APPENDIX E								

REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS. 2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT

REVISION # :03
DATE :08/30/82

SYSTEM :REACTOR COOLANT
TAG :TE-1112HC

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1529

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-1112HD	OPERABILITY NORM/TEST DBA	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE									ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TRB15 SL2-FSAR TABLE311-1 T365	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 2
MANUFACTURER: RDF CORP									MAINTAIN.: REF 2
MAJOR : CE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PRB15 SL2-FSAR TABLE311-1 P365	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: P/N-21233 SERIAL # S/N-118	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	HRB15 SL2-FSAR TABLE311-1 H365	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT REF 3.HIGH CONFI-
FUNCT.DES: REACTOR & SERVICE COOLANT TEMP-ERATURE	CHEMICAL SPRAY	1720-2150 PPM B. 50- 65PPM HYDZ PH 4.9-7.0	WILL ENVELOP REQUIRMNTS REF 1,2,3	CRB15 SL2-FSAR TABLE311-1 C365	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	DENCE EXISTS THAT INORGANIC INSULA TED RTD CAN BE DEMONSTRATED QUALIFIED.
ACCUR. SPEC: +-0.4%									NOTE 1: FLD
ACCUR. DEM.: LTR	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	WILL ENVELOP REQUIRMNTS REF 1,2,3	RRB15A SL2-FSAR TABLE311-1 R365	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	VERIFIED AT ELEV. >26 FT.
SPECIFICATIONS: 100									
P.O #: 071938 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: RB15									
COORDINATES X- 710.0 Y- 1501.00 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	SRB15 SL2-FSAR TABLE311-1 S365	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): YES									
INSTAL. REF: FV0224									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	39.1
TEMPERATURE T	39.1
PRESSURE P	39.1
REL. HUMDTY H	39.1
CHEM. SPRAY C	39.1
RADIATION R	39.1
AGING	39.1
SUBMERGENCE S	39.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1

REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS. 2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT

REVISION # : 03
DATE : 08/30/82

SYSTEM : REACTOR COOLANT
TAG : TE-1112HD

****
QUALIF RETEST
STATUS
****
*
****

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 39.1

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

3

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1530

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : TE-1115	OPERABIL-ITY NORM/TEST	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE	DBA								ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TRB15 SL2-FSAR TABLE311-1 T365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 2
MANUFACTURER: RDF CORP									MAINTAIN.: REF 2
MAJOR SUPPLIER : CE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PRB15 SL2-FSAR TABLE311-1 P365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: SERIAL # FAST RESPONSE	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	HRB15 SL2-FSAR TABLE311-1 H365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE REACTOR COOLANT TEMP-ERATURE									REF 3.HIGH CONFI-DENCE EXISTS THAT
ACCUR. SPEC: +-0.4%	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	WILL ENVELOP REQUIRMNTS REF 1,2,3	CRB15 SL2-FSAR TABLE311-1 C365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	INORGANIC INSULATED RTD CAN BE DEMONSTRATED QUALIFIED.
ACCUR. DEM.: LTR	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	WILL ENVELOP REQUIRMNTS REF 1,2,3	RRB15A SL2-FSAR TABLE311-1 R365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 100									
P.O #: 071938 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: RB15									
COORDINATES X- 707.0 Y- 1510.00 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	SRB15 SL2-FSAR TABLE311-1 S365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): NO									

INSTAL. REF: FV0225
QUALIF EXEMPTN: NOT APPLIC

PARAMETER	SUPPL. REVIEW
OPERABILITY	39.1
TEMPERATURE T	39.1
PRESSURE P	39.1
REL. HUMDTY H	39.1
CHEM. SPRAY C	39.1
RADIATION R	39.1
AGING	39.1
SUBMERGENCE S	39.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1

QUALIF RETEST
STATUS
****

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 39.1

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS. 2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT

REVISION # :03
DATE :08/30/82

SYSTEM :REACTOR COOLANT
TAG :TE-1115

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1531

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : TE-1121X	OPERABIL-ITY NORM/TEST DBA	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TRB15 SL2-FSAR TABLE311-1 T365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PRB15 SL2-FSAR TABLE311-1 P365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 2 3
MANUFACTURER: RDF CORP	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	HRB15 SL2-FSAR TABLE311-1 H365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	MAINTAIN.: REF 2
MAJOR SUPPLIER : CE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	WILL ENVELOP REQUIRMNTS REF 1,2,3	CRB15 SL2-FSAR TABLE311-1 C365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT REF 3.HIGH CONFIDENCE EXISTS THAT INORGANIC INSULATED RTD CAN BE DEMONSTRATED QUALIFIED. NOTE 1: FLD VERIFIED AT ELEV. >26 FT. 3
MODEL AND SERIAL #: P/N-21233 S/N-137									
FUNCT.DES: & SERVICE: REACTOR COOLANT TEMPERATURE									
ACCUR. SPEC: +-0.4%									
ACCUR. DEM.: LTR	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	WILL ENVELOP REQUIRMNTS REF 1,2,3	RRB15A SL2-FSAR TABLE311-1 R365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 100									
P.O #: 071938 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: RB15									
COORDINATES X- 666.0 Y- 1500.00 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	SRB15 SL2-FSAR TABLE311-1 S365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): YES									
INSTAL. REF: FV0226	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	39.1							
QUALIF RETEST	TEMPERATURE T	39.1							
STATUS	PRESSURE P	39.1							
********	REL. HUMDTY H	39.1							
*	CHEM. SPRAY C	39.1	REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS. 2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT						
**********	RADIATION R	39.1							
PHYS DWG REF: 2998G-365	AGING	39.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	39.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 39.1	SAR ENV CAT: A								SYSTEM :REACTOR COOLANT
	0588 CATEG.: A								TAG :TE-1121X
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1532

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-1121Y	OPERABIL-ITY /NORM/TEST /DBA	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	CE GENERIC /PROGRAM /13172-ICE /-3535 RO1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE									ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TRB15 SL2-FSAR TABLE311-1 T365	CE GENERIC /PROGRAM /13172-ICE /-3535 RO1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: REF 2
MANUFACTURER: RDF CORP									MAINTAIN.: REF 2
MAJOR SUPPLIER : CE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PRB15 SL2-FSAR TABLE311-1 P365	CE GENERIC /PROGRAM /13172-ICE /-3535 RO1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: P/N-21233 S/N-133	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	HRB15 SL2-FSAR TABLE311-1 H365	CE GENERIC /PROGRAM /13172-ICE /-3535 RO1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT REF 3.HIGH CONFI-
FUNCT.DES: & SERVICE REACTOR COOLANT TEMPERATURE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	WILL ENVELOP REQUIRMNTS REF 1,2,3	CRB15 SL2-FSAR TABLE311-1 C365	CE GENERIC /PROGRAM /13172-ICE /-3535 RO1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	DENCE EXISTS THAT INORGANIC INSULATED RTD CAN BE DEMONSTRATED QUALIFIED.
ACCUR. SPEC: +-0.4%									NOTE 1: FLD
ACCUR. DEM.: LTR	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	WILL ENVELOP REQUIRMNTS REF 1,2,3	RRB15A SL2-FSAR TABLE311-1 R365	CE GENERIC /PROGRAM /13172-ICE /-3535 RO1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	VERIFIED AT ELEV. >26 FT.
SPECIFICATIONS: 100									
P.O #: 071938 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	CE GENERIC /PROGRAM /13172-ICE /-3535 RO1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: RB15									
COORDINATES X- 668.0 Y- 1490.00 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	SRB15 SL2-FSAR TABLE311-1 S365	CE GENERIC /PROGRAM /13172-ICE /-3535 RO1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): YES									
INSTAL. REF: FV0227	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	39.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	39.1							
	PRESSURE P	39.1							
	REL. HUMDTY H	39.1							
	CHEM. SPRAY C	39.1							
	RADIATION R	39.1							
PHYS DWG REF: 2998G-365	AGING	39.1							
PHYS DWG LOC:	SUBMERGENCE S	39.1							
MOUNTING : NOT APPLICABLE									
EQ PACK # : 39.1	SAR ENV CAT: A								
	0588 CATEG.: A								
	APPENDIX E								

REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS. 2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT

REVISION # :03
DATE :08/30/82

SYSTEM :REACTOR COOLANT
TAG :TE-1121Y

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1533

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : TE-1122CA	OPERABIL-ITY NORM/TEST DBA	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TRB15 SL2-FSAR TABLE311-1 T365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT									REPLACEMENT: REF 2
MANUFACTURER: RDF CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PRB15 SL2-FSAR TABLE311-1 P365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 2
MAJOR SUPPLIER : CE									SUBCOMPONENTS:
MODEL AND SERIAL # : FAST RESPONSE	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	HRB15 SL2-FSAR TABLE311-1 H365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT REF 3.HIGH CONFI-DENCE EXISTS THAT INORGANIC INSULA TED RTD CAN BE DEMONSTRATED QUALIFIED.
FUNCT.DES: & SERVICE REACTOR COOLANT TEMP-ERATURE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	WILL ENVELOP REQUIRMNTS REF 1,2,3	CRB15 SL2-FSAR TABLE311-1 C365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: +-0.4%									
ACCUR. DEM.: LTR	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	WILL ENVELOP REQUIRMNTS REF 1,2,3	RRB15A SL2-FSAR TABLE311-1 R365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 100									
P.O #: 071938 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: RB15									
COORDINATES X- 668.0 Y- 1518.00 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	SRB15 SL2-FSAR TABLE311-1 S365	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): NO INSTAL. REF: FV0228 QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	39.1
TEMPERATURE T	39.1
PRESSURE P	39.1
REL. HUMDTY H	39.1
CHEM. SPRAY C	39.1
RADIATION R	39.1
AGING	39.1
SUBMERGENCE S	39.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS. 2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1

REVISION # : 03
DATE : 08/30/82

SYSTEM : REACTOR COOLANT
TAG : TE-1122CA

QUALIF RETEST
STATUS
****

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 39.1

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1534

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-1122CB	OPERABIL-ITY NORM/TEST DBA	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE									ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TRB15 SL2-FSAR TABLE311-1 T365	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 2
MANUFACTURER: RDF CORP									MAINTAIN.: REF 2
MAJOR : CE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PRB15 SL2-FSAR TABLE311-1 P365	ICE GENERIC PROGRAM , 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: FAST RESPONSE SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	HRB15 SL2-FSAR TABLE311-1 H365	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: REACTOR & SERVICE COOLANT TEMP-ERATURE									REF 3.HIGH CONFI-DENCE EXISTS THAT
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	WILL ENVELOP REQUIRMNTS REF 1,2,3	CRB15 SL2-FSAR TABLE311-1 C365	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	INORGANIC INSULA TED RTD CAN BE DEMONSTRATED
ACCUR. SPEC: +-0.4%									QUALIFIED. 3
ACCUR. DEM.: LTR	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	WILL ENVELOP REQUIRMNTS REF 1,2,3	RRB15A SL2-FSAR TABLE311-1 R365	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 100									
P.O #: 071938 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: RB15									
COORDINATES X- 669.0 Y- 1488.00 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	SRB15 SL2-FSAR TABLE311-1 S365	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): NO									
INSTAL. REF: FV0229									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	39.1
TEMPERATURE T	39.1
PRESSURE P	39.1
REL. HUMDTY H	39.1
CHEM. SPRAY C	39.1
RADIATION R	39.1
AGING	39.1
SUBMERGENCE S	39.1

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 39.1

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS. 2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1

REVISION # : 03
DATE : 08/30/82

SYSTEM : REACTOR COOLANT
TAG : TE-1122CB

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1535

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-1122CC	OPERABILITY NORM/TEST DBA	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE									ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TRB15 SL2-FSAR TABLE311-1 T365	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 2
MANUFACTURER: RDF CORP									MAINTAIN.: REF 2
MAJOR SUPPLIER : CE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PRB15 SL2-FSAR TABLE311-1 P365	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT REF 3.HIGH CONFIDENCE EXISTS THAT INORGANIC INSULATED RTD CAN BE DEMONSTRATED QUALIFIED.
MODEL AND SERIAL #: FAST RESPONSE	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	HRB15 SL2-FSAR TABLE311-1 H365	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: & SERVICE: REACTOR COOLANT TEMPERATURE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	WILL ENVELOP REQUIRMNTS REF 1,2,3	CRB15 SL2-FSAR TABLE311-1 C365	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: +-0.4%									
ACCUR. DEM.: LTR	R A D .	2 HR 30 D 1 YR 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	WILL ENVELOP REQUIRMNTS REF 1,2,3	RRB15A SL2-FSAR TABLE311-1 R365	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE
SPECIFICATIONS: 100									
P.O #: 071938 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: RB15									
COORDINATES X- 667.0 Y- 1518.00 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	SRB15 SL2-FSAR TABLE311-1 S365	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): NO									
INSTAL. REF: FV0230									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	39.1
TEMPERATURE T	39.1
PRESSURE P	39.1
REL. HUMDTY H	39.1
CHEM. SPRAY C	39.1
RADIATION R	39.1
AGING	39.1
SUBMERGENCE S	39.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1

REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS. 2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT

REVISION # : 03
DATE : 08/30/82

SYSTEM : REACTOR COOLANT
TAG : TE-1122CC

QUALIF RETEST
STATUS
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PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 39.1

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1536

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-1122CD	OPERABIL-ITY /NORM/TEST /DBA	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE									ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TRB15 SL2-FSAR TABLE311-1 T365	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 2
MANUFACTURER: RDF CORP									MAINTAIN.: REF 2
MAJOR SUPPLIER : CE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PRB15 SL2-FSAR TABLE311-1 P365	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: SERIAL # FAST RESPONSE	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	HRB15 SL2-FSAR TABLE311-1 H365	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE REACTOR COOLANT TEMPERATURE									REF 3.HIGH CONFIDENCE EXISTS THAT
ACCUR. SPEC: +-0.4%	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	WILL ENVELOP REQUIRMNTS REF 1,2,3	CRB15 SL2-FSAR TABLE311-1 C365	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	INORGANIC INSULATED RTD CAN BE DEMONSTRATED QUALIFIED.
ACCUR. DEM.: LTR	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	WILL ENVELOP REQUIRMNTS REF 1,2,3	RRB15A SL2-FSAR TABLE311-1 R365	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 100									
P.O #: 071938 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS
PLANT LOC.: RB15									
COORDINATES X- 667.0 Y- 1488.00 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	SRB15 SL2-FSAR TABLE311-1 S365	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	PAM AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): NO									
INSTAL. REF: FV0231									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	39.1
TEMPERATURE T	39.1
PRESSURE P	39.1
REL. HUMDTY H	39.1
CHEM. SPRAY C	39.1
RADIATION R	39.1
AGING	39.1
SUBMERGENCE S	39.1
SAR ENV CAT: A	
0588 CATEG.: A	
APPENDIX E	

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS.2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1

REVISION # : 03
DATE : 08/30/82

SYSTEM : REACTOR COOLANT
TAG : TE-1122CD

QUALIF RETEST
STATUS
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PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 39.1

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3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1537

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : TE-1122HA	OPERABIL-ITY NORM/TEST	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE	DBA								ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TRB15 SL2-FSAR TABLE311-1 T365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 2
MANUFACTURER: RDF CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PRB15 SL2-FSAR TABLE311-1 P365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 2
MAJOR SUPPLIER : CE									SUBCOMPONENTS:
MODEL AND SERIAL # : FAST RESPONSE	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	HRB15 SL2-FSAR TABLE311-1 H365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT REF 3.HIGH CONFI-DENCE EXISTS THAT INORGANIC INSULA TED RTD CAN BE DEMONSTRATED QUALIFIED.
FUNCT.DES: & SERVICE REACTOR COOLANT TEMPERATURE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	WILL ENVELOP REQUIRMNTS REF 1,2,3	CRB15 SL2-FSAR TABLE311-1 C365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: +-0.4%									
ACCUR. DEM.: LTR	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	WILL ENVELOP REQUIRMNTS REF 1,2,3	RRB15A SL2-FSAR TABLE311-1 R365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 100									
P.O #: 071938 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS
PLANT LOC: RB15									
COORDINATES X- 667.0 Y- 1501.00 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	SRB15 SL2-FSAR TABLE311-1 S365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	PAM AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): NO									
INSTAL. REF: FVO232	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	39.1							
QUALIF RETEST *STATUS*	TEMPERATURE	T 39.1							
	PRESSURE	P 39.1							
	REL. HUMDTY	H 39.1							
	CHEM. SPRAY	C 39.1	REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS.2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL RE QUIREMENTS. REF 3 UNDER SUBCOMPONENT						
	RADIATION	R 39.1							
	AGING	39.1							REVISION # : 03
PHYS DWG REF: 2998G-365	SUBMERGENCE	S 39.1							DATE : 08/30/82
PHYS DWG LOC:									
MOUNTING : NOT APPLICABLE	SAR ENV CAT: A								SYSTEM : REACTOR COOLANT
EQ PACK # : 39.1	0588 CATEG.: A								TAG : TE-1122HA
	APPENDIX E								

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1538

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : TE-1122HB	OPERABIL-ITY NORM/TEST DBA	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE									ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TRB15 SL2-FSAR TABLE311-1 T365	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 2 3
MANUFACTURER: RDF CORP									MAINTAIN.:
MAJOR SUPPLIER : CE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PRB15 SL2-FSAR TABLE311-1 P365	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	REF 2 SUBCOMPONENTS:
MODEL AND SERIAL #: P/N-21233 S/N-122	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	HRB15 SL2-FSAR TABLE311-1 H365	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE REACTOR COOLANT TEMPERATURE									REF 3.HIGH CONFIDENCE EXISTS THAT
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	WILL ENVELOP REQUIRMNTS REF 1,2,3	CRB15 SL2-FSAR TABLE311-1 C365	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	INORGANIC INSULATED RTD CAN BE DEMONSTRATED QUALIFIED. 3
ACCUR. SPEC: +-0.4%									
ACCUR. DEM.: LTR	R A D .	2 HR 30 D 1 YR 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	WILL ENVELOP REQUIRMNTS REF 1,2,3	RRB15A SL2-FSAR TABLE311-1 R365	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	NOTE 1: FLD VERIFIED AT ELEV. >26 FT.
SPECIFICATIONS: 100									
P.O #: 071938 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	~40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS
PLANT LOC.: RB15									
COORDINATES X- 667.0 Y- 1499.00 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	SRB15 SL2-FSAR TABLE311-1 S365	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	PAM
INSTALLED (Y/N): YES									AUTH. REFERENCE: CE-ML
INSTAL. REF: FV0233									
QUALIF EXEMPTN: NOT APPLIC									

PARA-METER	SUPPL. REVIEW
OPERABILITY	39.1
TEMPERATURE T	39.1
PRESSURE P	39.1
REL. HUMDTY H	39.1
CHEM. SPRAY C	39.1
RADIATION R	39.1
AGING	39.1
SUBMERGENCE S	39.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS.2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1

REVISION # : 03
DATE : 08/30/82

SYSTEM : REACTOR COOLANT
TAG : TE-1122HB

QUALIF RETEST
STATUS
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PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 39.1

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1539

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL 1	DEM. QUALIF. 2	DOCUMENTATION ACTUAL 3	DEM. QUALIF. 4	QUALIF. METHOD 5	H/M 6	OUTS ITEMS 7	
TAG NO : TE-1122HC	OPERABIL-ITY /NORM/TEST /DBA	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE									ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TRB15 SL2-FSAR TABLE311-1 T365	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 2
MANUFACTURER: RDF CORP									MAINTAIN.: REF 2
MAJOR SUPPLIER : CE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PRB15 SL2-FSAR TABLE311-1 P365	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: P/N-21233 SERIAL # S/N-121	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	HRB15 SL2-FSAR TABLE311-1 H365	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE REACTOR COOLANT TEMPERATURE									REF 3.HIGH CONFIDENCE EXISTS THAT
ACCUR. SPEC: +-0.4%	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	WILL ENVELOP REQUIRMNTS REF 1,2,3	CRB15 SL2-FSAR TABLE311-1 C365	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	INORGANIC INSULATED RTD CAN BE DEMONSTRATED QUALIFIED.
ACCUR. DEM.: LTR	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	WILL ENVELOP REQUIRMNTS REF 1,2,3	RRB15A SL2-FSAR TABLE311-1 R365	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	NOTE 1:FLD VERIFIED AT ELEV. >26 FT.
SPECIFICATIONS: 100									
P.O #:071938 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS
PLANT LOC.: RB15									
COORDINATES X- 664.0 Y- 1501.00 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	SRB15 SL2-FSAR TABLE311-1 S365	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	PAM AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): YES									
INSTAL. REF: FV0234	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:39.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	39.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	39.1							
	PRESSURE P	39.1							
	REL. HUMDTY H	39.1							
	CHEM. SPRAY C	39.1	REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS.2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT						
	RADIATION R	39.1							
PHYS DWG REF: 2998G-365	AGING	39.1							REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	SUBMERGENCE S	39.1							
MOUNTING : NOT APPLICABLE									SYSTEM :REACTOR COOLANT
EQ PACK # : 39.1	SAR ENV CAT: A								TAG :TE-1122HC
	0588 CATEG.: A								
	APPENDIX E								

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1540

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-1122HD	OPERABIL-ITY /NORM/TEST /DBA	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE									ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TRB15 SL2-FSAR TABLE311-1 T365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 2
MANUFACTURER: RDF CORP									MAINTAIN.: REF 2
MAJOR : CE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PRB15 SL2-FSAR TABLE311-1 P365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	HRB15 SL2-FSAR TABLE311-1 H365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: REACTOR COOL- & SERVICE ANT TEMPERATURE									REF 3.HIGH CONFIDENCE EXISTS THAT
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	WILL ENVELOP REQUIRMNTS REF 1,2,3	CRB15 SL2-FSAR TABLE311-1 C365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	INORGANIC INSULATED RTD CAN BE DEMONSTRATED QUALIFIED.
ACCUR. SPEC: +-0.4%									
ACCUR. DEM.: LTR	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	WILL ENVELOP REQUIRMNTS REF 1,2,3	RRB15A SL2-FSAR TABLE311-1 R365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 100									
P.O #: 071938 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS PAM
PLANT LOC.: RB15									
COORDINATES X- 664.0 Y- 1499.00 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	SRB15 SL2-FSAR TABLE311-1 S365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): NO									
INSTAL. REF: FV0235									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	39.1
TEMPERATURE T	39.1
PRESSURE P	39.1
REL. HUMDTY H	39.1
CHEM. SPRAY C	39.1
RADIATION R	39.1
AGING	39.1
SUBMERGENCE S	39.1

QUALIF RETEST
STATUS

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 39.1

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS.2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1

REVISION # : 03
DATE : 08/30/82

SYSTEM : REACTOR COOLANT
TAG : TE-1122HD

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1541

EQUIPMENT DESCRIPTION		ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF. 2	DOCUMENTATION ACTUAL 3	DEM. QUALIF. 4	QUALIF. METHOD 5	H/M 6	OUTS ITEMS 7	
TAG NO :	TE-1125	OPERABILITY NORM/TEST	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: TYPE	PRIMARY ELEMENT	DBA								ACCEL TEMP: REF 2
COMPONENT:	TEMPERATURE ELEMENT	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TRB15 SL2-FSAR TABLE311-1 T365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 2
MANUFACTURER:	RDF CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PRB15 SL2-FSAR TABLE311-1 P365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 2
MAJOR SUPPLIER :	CE									SUBCOMPONENTS:
MODEL AND: SERIAL #		RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	HRB15 SL2-FSAR TABLE311-1 H365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE	REACTOR COOLANT TEMPERATURE									REF 3.HIGH CONFIDENCE EXISTS THAT
		CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	WILL ENVELOP REQUIRMNTS REF 1,2,3	CRB15 SL2-FSAR TABLE311-1 C365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	INORGANIC INSULATED RTD CAN BE DEMONSTRATED QUALIFIED.
ACCUR. SPEC:	+-0.4%									
ACCUR. DEM.:	LTR	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	WILL ENVELOP REQUIRMNTS REF 1,2,3	RRB15A SL2-FSAR TABLE311-1 R365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:	100									
P.O #: 071938 CWD # : /		AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS
PLANT LOC.:	RB15									
COORDINATES X-	667.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	SRB15 SL2-FSAR TABLE311-1 S365	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	PAM
Y-	1516.00									AUTH. REFERENCE: CE-ML
Z-	18.0									
INSTALLED (Y/N):	NO									
INSTAL. REF:	FV0236									
QUALIF EXEMPTN:	NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	39.1
TEMPERATURE T	39.1
PRESSURE P	39.1
REL. HUMDTY H	39.1
CHEM. SPRAY C	39.1
RADIATION R	39.1
AGING	39.1
SUBMERGENCE S	39.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:39.1

REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS.2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT

QUALIF RETEST *STATUS* ********

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 39.1

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

REVISION # :03
DATE :08/30/82

SYSTEM :REACTOR COOLANT
TAG :TE-1125

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1542

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : TE-3303W	OPERABIL-ITY NORM/TEST DBA	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	REF 1,2,3	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE									ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TAB24H SL2-FSAR TABLE311-1 T390	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	M	REF 1,2,3	REPLACEMENT: REF 2
MANUFACTURER: RDF CORP									MAINTAIN.: REF 2
MAJOR SUPPLIER : CE	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PAB24 SL2-FSAR TABLE311-1 P390	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	M	REF 1,2,3	SUBCOMPONENTS:
MODEL AND SERIAL # : 200 OHM/106	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	HAB24H SL2-FSAR TABLE311-1 H390	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	REF 1,2,3	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT REF 3.HIGH CONFI-
FUNCT.DES: & SERVICE SHUTDOWN COOLING HEAT EXCHNGER TEMP.	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	N/A	M	REF 1,2,3	DENCE EXISTS THAT INORGANIC INSULATED RTD CAN BE DEMONSTRATED QUALIFIED.
ACCUR. SPEC: +-0.4%									
ACCUR. DEM.: LTR	R 2 HR A 30 D D 1 YR . 40YR/RW	260 4.0E5 3.0E5 2.0E6 4.5E5 3.5E6 5.0E4 2.0E6	WILL ENVELOP REQUIRMNTS REF 1,2,3	RAB24K SL2-FSAR TABLE311-1 R390	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	REF 1,2,3	
SPECIFICATIONS: 300									
P.O #: 071938 CWD # : 1525/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	REF 1,2,3	SAFETY FUNCTION: RPS
PLANT LOC.: AB24									
COORDINATES X- 557.0 Y- 1438.00 Z- 5.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	N/A	M	REF 1,2,3	PAM
INSTALLED (Y/N): YES									AUTH. REFERENCE: CE-ML
INSTAL. REF: FV0443									
QUALIF EXEMPTN: NOT EXEMPT									

PARAMETER	SUPPL. REVIEW
OPERABILITY	39.1
TEMPERATURE T	39.1
PRESSURE P	39.1
REL. HUMDTY H	39.1
CHEM. SPRAY C	39.1
RADIATION R	39.1
AGING	39.1
SUBMERGENCE S	39.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1

REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS. 2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT

REVISION # : 03
DATE : 08/30/82

SYSTEM : SAFETY INJECTION
TAG : TE-3303W

****
QUALIF RETEST
STATUS
****
*
****

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 39.1

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1543

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : TE-3303X	OPERABIL-ITY NORM/TEST DBA	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE									ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TAB24H SL2-FSAR TABLE311-1 T390	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 2 3
MANUFACTURER: RDF CORP									MAINTAIN.: REF 2
MAJOR SUPPLIER : CE	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PAB24 SL2-FSAR TABLE311-1 P390	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	M	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: 200 OHM/107	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	HAB24H SL2-FSAR TABLE311-1 H390	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT REF 3.HIGH CONFI-DENCE EXISTS THAT
FUNCT.DES: & SERVICE SHUTDOWN COOLING HEAT EXCHANGER TEMPERATURE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	CE GENERIC PROGRAM 13172-ICE -3535 RO1	N/A	M	NONE	INORGANIC INSULA TED RTD CAN BE DEMONSTRATED QUALIFIED.
ACCUR. SPEC: +-0.4%									
ACCUR. DEM.: LTR	R 2 HR A 30 D D 1 YR . 40YR/RW	260 4.0E5 3.0E5 2.0E6 4.5E5 3.5E6 5.0E4 2.0E6	WILL ENVELOP REQUIRMNTS REF 1,2,3	RAB24K SL2-FSAR TABLE311-1 R390	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 300									
P.O #: 071938 CWD # : 1525/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS 3
PLANT LOC.: AB24									
COORDINATES X- 558.0 Y- 1438.00 Z- 5.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	CE GENERIC PROGRAM 13172-ICE -3535 RO1	N/A	M	NONE	PAM AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): YES									
INSTAL. REF: FV0444	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	39.1							
QUALIF RETEST *STATUS*	TEMPERATURE	T 39.1							
	PRESSURE	P 39.1							
	REL. HUMDTY	H 39.1							
	CHEM. SPRAY	C 39.1							
	RADIATION	R 39.1							
	AGING	39.1							
	SUBMERGENCE	S 39.1							
PHYS DWG REF: 2998G-390			REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS.2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL RE QUIREMENTS. REF 3 UNDER SUBCOMPONENT						REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 39.1	SAR ENV CAT: D								SYSTEM :SAFETY INJECTION
	0588 CATEG.: A								TAG :TE-3303X
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SH CAPACITY: 890 MW(E) CES#-1544

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : TE-3303Y	OPERABIL-ITY NORM/TEST	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE	DBA								ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TAB24H SL2-FSAR TABLE311-1 T390	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 2
MANUFACTURER: RDF CORP	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PAB24 SL2-FSAR TABLE311-1 P390	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 2
MAJOR SUPPLIER : CE									SUBCOMPONENTS:
MODEL AND SERIAL # : 200 OHM/100	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	HAB24H SL2-FSAR TABLE311-1 H390	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT REF 3.HIGH CONFIDENCE EXISTS THAT
FUNCT.DES: SHUTDOWN COOLING HEAT EXCHANGER & SERVICE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	N/A	M	NONE	INORGANIC INSULATED RTD CAN BE DEMONSTRATED QUALIFIED.
ACCUR. SPEC: +-0.4%									
ACCUR. DEM.: LTR	R 2 HR A 30 D D 1 YR . 40YR/RW	260 4.0E5 3.0E5 2.0E6 4.5E5 3.5E6 5.0E4 2.0E6	WILL ENVELOP REQUIRMNTS REF 1,2,3	RAB24K SL2-FSAR TABLE311-1 R390	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 300									
P.O #: 071938 CWD # : 1525/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS
PLANT LOC.: AB24									
COORDINATES X- 558.0 Y- 1421.00 Z- 5.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	N/A	M	NONE	PAM AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): YES									
INSTAL. REF: FV0445	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	39.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	39.1							
	PRESSURE P	39.1							
	REL. HUMDTY H	39.1							
	CHEM. SPRAY C	39.1							
	RADIATION R	39.1							
	AGING	39.1							
PHYS DWG REF: 2998G-390	SUBMERGENCE S	39.1							REVISION # : 03
PHYS DWG LOC:									DATE : 08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 39.1	SAR ENV CAT: D		REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS. 2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT						SYSTEM : SAFETY INJECTION
	10588 CATEG.: A								TAG : TE-3303Y
	APPENDIX E								

A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: 890 MW(E) | CES#-1545

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : TE-3303Z	OPERABIL-ITY NORM/TEST	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE	DBA								ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TAB24H SL2-FSAR TABLE311-1 T390	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 2
MANUFACTURER: RDF CORP									MAINTAIN.: REF 2
MAJOR SUPPLIER : CE	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PAB24 SL2-FSAR TABLE311-1 P390	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	M	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: 200 OHM/109	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	HAB24H SL2-FSAR TABLE311-1 H390	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT REF 3.HIGH CONFIDENCE EXISTS THAT
FUNCT.DES: & SERVICE SHUTDOWN COOLING HEAT EXCHANGER TEMPERATURE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	CE GENERIC PROGRAM 13172-ICE -3535 R01	N/A	M	NONE	INORGANIC INSULATED RTD CAN BE DEMONSTRATED QUALIFIED.
ACCUR. SPEC: +-0.4%									
ACCUR. DEM.: LTR	R 2 HR A 30 D D 1 YR . 40YR/RW	260 4.0E5 3.0E5 2.0E6 4.5E5 3.5E6 5.0E4 2.0E6	WILL ENVELOP REQUIRMNTS REF 1,2,3	RAB24K SL2-FSAR TABLE311-1 R390	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 300									
P.O #: 071938 CWD # : 1525/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS
PLANT LOC.: AB24									
COORDINATES X- 557.0 Y- 1423.00 Z- 5.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	CE GENERIC PROGRAM 13172-ICE -3535 R01	N/A	M	NONE	PAM AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): YES									
INSTAL.. REF: FV0446									
QUALIF EXEMPTN: NOT APPLIC									

PARA-METER	SUPPL. REVIEW
OPERABILITY	39.1
TEMPERATURE T	39.1
PRESSURE P	39.1
REL. HUMDTY H	39.1
CHEM. SPRAY C	39.1
RADIATION R	39.1
AGING	39.1
SUBMERGENCE S	39.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS.2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 39.1

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

REVISION # : 03
DATE : 08/30/82

SYSTEM : SAFETY INJECTION
TAG : TE-3303Z

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1546

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-3351X	OPERABILITY NORM/TEST DBA	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE									ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERATURE	85.5F NORM 112F1200HR 104FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TAB24I SL2-FSAR TABLE311-1 T390	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 2
MANUFACTURER: RDF CORP	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PAB24 SL2-FSAR TABLE311-1 P390	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 2
MAJOR SUPPLIER : CE									SUBCOMPONENTS:
MODEL AND SERIAL # : 200 OHM/110	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	HAB24I SL2-FSAR TABLE311-1 H390	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT REF 3.HIGH CONFIDENCE EXISTS THAT
FUNCT.DES: & SERVICE LPSI HEADER TEMPERATURE									
ACCUR. SPEC: +-0.4%	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	CE GENERIC PROGRAM 13172-ICE -3535 R01	N/A	M	NONE	INORGANIC INSULATED RTD CAN BE DEMONSTRATED QUALIFIED.
ACCUR. DEM.: LTR	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	WILL ENVELOP REQUIRMNTS REF 1,2,3	RAB24M SL2-FSAR TABLE311-1 R390	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 303									
P.O #: 071938 CWD # : 1525/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS
PLANT LOC.: AB24									
COORDINATES X- 579.0 Y- 1480.00 Z- 5.0	SUBMERGED	-10.0 FT	ABOVE FLOOD LVL >-10 FT	SAB24M SL2-FSAR TABLE311-1 S390	CE GENERIC PROGRAM 13172-ICE -3535 R01	N/A	M	NONE	PAM AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): YES									
INSTAL. REF: EV0447	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	39.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	39.1							
	PRESSURE P	39.1							
	REL. HUMDTY H	39.1							
	CHEM. SPRAY C	39.1							
	RADIATION R	39.1	REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS 2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT						
PHYS DWG REF: 2998G-390	AGING	39.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	39.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 39.1	SAR ENV CAT: D								SYSTEM :SAFETY INJECTION
	0588 CATEG.: A								TAG :TE-3351X
	APPENDIX E								

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3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1547

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-3351Y	OPERABIL-ITY NORM/TEST	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE	DBA								ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TAB24A SL2-FSAR TABLE311-1 T390	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 2
MANUFACTURER: RDF CORP									MAINTAIN.: REF 2
MAJOR SUPPLIER : CE	PRESSURE	ATMOS NORM FIG. C-4B (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PAB24A SL2-FSAR TABLE311-1 P390	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: 200 OHM/100	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H	WILL ENVELOP REQUIRMNTS REF 1,2,3	HAB24A SL2-FSAR TABLE311-1 H390	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE: LPSI HEADER TEMPERATURE		50% DESIGN	REF 1,2,3	H390	-3535 R01	POL'N			REF 3.HIGH CONFIDENCE EXISTS THAT
ACCUR. SPEC: +-0.4%	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	CE GENERIC PROGRAM 13172-ICE -3535 R01	N/A	M	NONE	INORGANIC INSULATED RTD CAN BE DEMONSTRATED QUALIFIED.
ACCUR. DEM.: LTR	R 2 HR A 30 D D 1 YR . 40YR/RW	440 1.1E5 4.6E5 5.3E5 6.6E5 7.4E5 4.0E4 5.0E5	WILL ENVELOP REQUIRMNTS REF 1,2,3	RAB24L SL2-FSAR TABLE311-1 R390	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 303									
P.O #: 071938 CWD # : 1525/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS
PLANT LOC.: AB24									
COORDINATES X- 594.0 Y- 1471.00 Z- 5.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	CE GENERIC PROGRAM 13172-ICE -3535 R01	N/A	M	NONE	PAM AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): YES									
INSTAL. REF: FV0448	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	39.1							
QUALIF RETEST *STATUS*	TEMPERATURE	T 39.1							
	PRESSURE	P 39.1							
	REL. HUMDTY	H 39.1							
	CHEM. SPRAY	C 39.1	REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS 2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT						
	RADIATION	R 39.1							
	AGING	39.1							REVISION # : 03
PHYS DWG REF: 2998G-390	SUBMERGENCE	S 39.1							DATE : 08/30/82
PHYS DWG LOC:									
MOUNTING : NOT APPLICABLE									SYSTEM : SAFETY INJECTION
EQ PACK # : 39.1	SAR ENV CAT: D								TAG : TE-3351Y
	0588 CATEG.: A								
	APPENDIX E								

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1548

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-3352X	OPERABIL-ITY /NORM/TEST /DBA	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	ICE GENERIC /PROGRAM /13172-ICE /-3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE									ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERATURE	85.5F NORM 112F1200HR 104FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TAB24I SL2-FSAR TABLE311-1 T390	ICE GENERIC /PROGRAM /13172-ICE /-3535 RO1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 2
MANUFACTURER: RDF CORP									MAINTAIN.: REF 2
MAJOR SUPPLIER : CE	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PAB24 SL2-FSAR TABLE311-1 P390	ICE GENERIC /PROGRAM /13172-ICE /-3535 RO1	COMB. TEST & EXTRA- POL'N	M	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT REF 3.HIGH CONFI-DENCE EXISTS THAT INORGANIC INSULA TED RTD CAN BE DEMONSTRATED QUALIFIED.
MODEL AND SERIAL #: 200 OHM/111	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	HAB24I SL2-FSAR TABLE311-1 H390	ICE GENERIC /PROGRAM /13172-ICE /-3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: & SERVICE: LPSI HEADER TEMPERATURE									
ACCUR. SPEC: +-0.4%	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	ICE GENERIC /PROGRAM /13172-ICE /-3535 RO1	N/A	M	N/A	
ACCUR. DEM.: LTR	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	WILL ENVELOP REQUIRMNTS REF 1,2,3	RAB24M SL2-FSAR TABLE311-1 R390	ICE GENERIC /PROGRAM /13172-ICE /-3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 303									
P.O #: 071938 CWD # : 1525/	AGE- /INST LIFE /(PER 323- /1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	ICE GENERIC /PROGRAM /13172-ICE /-3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS
PLANT LOC.: AB24									
COORDINATES X- 550.0 Y- 1474.00 Z- 5.0	SUBMERGED	-10.0 FT	ABOVE FLOOD LVL >-10 FT	SAB24M SL2-FSAR TABLE311-1 S390	ICE GENERIC /PROGRAM /13172-ICE /-3535 RO1	N/A	M	NONE	PAM AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): YES INSTAL. REF: FV0449 QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	39.1
TEMPERATURE T	39.1
PRESSURE P	39.1
REL. HUMDTY H	39.1
CHEM. SPRAY C	39.1
RADIATION R	39.1
AGING	39.1
SUBMERGENCE S	39.1

QUALIF RETEST
STATUS

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 39.1

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS 2.UNDESGOING GENERIC TEST BY CE TO ENVELOP ALL RE QUIREMENTS. REF 3 UNDER SUBCOMPONENT

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1

REVISION # :03
DATE :08/30/82

SYSTEM :SAFETY INJECTION
TAG :TE-3352X

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1549

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-3352Y	OPERABIL-ITY /NORM/TEST	CONTINUOUS REF 1	CONTINUOUS REF 2	FSAR TABLE 3.11-2	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/ .	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE	DBA								ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	TAB24I SL2-FSAR TABLE311-1 T390	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 2
MANUFACTURER: RDF CORP									MAINTAIN.: REF 2
MAJOR SUPPLIER : CE	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	WILL ENVELOP REQUIRMNTS REF 1,2,3	PAB24 SL2-FSAR TABLE311-1 P390	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	M	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: 200 OHM	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	WILL ENVELOP REQUIRMNTS REF 1,2,3	HAB24I SL2-FSAR TABLE311-1 H390	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT REF 3.HIGH CONFI-
FUNCT.DES: LPSI HEADER & SERVICE TEMPERATURE									
ACCUR. SPEC: +-0.4%	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	CE GENERIC PROGRAM 13172-ICE -3535 RO1	N/A	M	NONE	DENCE EXISTS THAT INORGANIC INSULA TED RTD CAN BE DEMONSTRATED QUALIFIED.
ACCUR. DEM.: LTR	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	WILL ENVELOP REQUIRMNTS REF 1,2,3	RAB24M SL2-FSAR TABLE311-1 R390	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 303									
P.O #: 071938 CWD # : 1525/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	WILL ENVELOP REQUIRMNTS REF 1,2,3	10CFR50 PARA 50.51	CE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS
PLANT LOC.: AB24									
COORDINATES X- 565.0 Y- 1489.00 Z- 5.0	SUBMERGED	-10.0 FT	ABOVE FLOOD LVL >-10 FT	SAB24M SL2-FSAR TABLE311-1 S390	CE GENERIC PROGRAM 13172-ICE -3535 RO1	N/A	M	NONE	PAM AUTH. REFERENCE: CE-ML
INSTALLED (Y/N): YES									
INSTAL. REF: FV0450	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	39.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	39.1							
	PRESSURE P	39.1							
	REL. HUMDTY H	39.1							
	CHEM. SPRAY C	39.1	REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS 2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL RE QUIREMENTS. REF 3 UNDER SUBCOMPONENT						
	RADIATION R	39.1							
PHYS DWG REF: 2998G-390	AGING	39.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	39.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 39.1	SAR ENV CAT: D								SYSTEM :SAFETY INJECTION
	0588 CATEG.: A								TAG :TE-3352Y
	APPENDIX E								

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1651

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V2504 PB	OPERABIL-ITY NORM/TEST DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	89.5F NORM 119F NO AC 116F1200HR 108FDESIGN	REF 1	TAB24B SL2-FSAR TABLE311-1 T391	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM 0 PSIG (ACC. DBA)	REF 1	PAB24B SL2-FSAR TABLE311-1 P391	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C9-3G	RELATIVE HUMIDITY	62.0% NORM 63.0%1200H 39% DESIGN	REF 1	HAB24B SL2-FSAR TABLE311-1 H391	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB24 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	170 5.0E4 2.0E5 2.6E5 2.9E5 3.7E5 5.0E4 2.5E5	REF 1	RAB24N SL2-FSAR TABLE311-1 R391	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 324									
P.O #:422589 CWD # : 0162/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24									
COORDINATES X- 550.0 Y- 1542.0 Z- 2.0	SUBMERGED	NO AREA FLOODING	REF 1	SAB24 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF: FV0451	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	55.1							
	PRESSURE P	55.1							
	REL. HUMDTY H	55.1							
	CHEM. SPRAY C	55.1							
	RADIATION R	55.1							
	AGING	55.1							
	SUBMERGENCE S	55.1							
PHYS DWG REF: 2998G-391			REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK. VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT. 30, 1982						REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 55.1	SAR ENV CAT: D								SYSTEM :SAFETY INJECTION
	0588 CATEG.: B								TAG :V2504 PB
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1657

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : V2515	OPERABIL-ITY NORM/TEST	40 YRS <500 CYCLS UP TO 180 DY POSTDBA	40 YRS +40000CYCL	SL2-FSAR TABLE311-2 OPER. REVIEW	PG 5-1 OF NOTE 2 P.4-7 OF NOTE 3	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400 HRS
EQUIPMENT: VALVE OPERATORS TYPE	DBA								ACCEL TEMP: 268/248F
COMPONENT: ISOLATION VALVE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM >SL2 DBA REQUIRMNTS	TRB15 SL2-FSAR TABLE311-1 T365	PG 4-21 OF NOTE 1 FIG. 3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: FIG5,6 NOTE2 SRS#A3.2
MANUFACTURER: ASCO/NAMCO									MAINTAIN.: FIG5,6 NOTE2 SRS#A3.2
MAJOR SUPPLIER : FISHER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM >SL2 DBA REQUIRMNTS	PRB15 SL2-FSAR TABLE311-1 P365	PG 4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: S:RFHV2023031	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	>90%	HRB15 SL2-FSAR TABLE311-1 H365	P.8-2 OF NOTE 1 P.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT. NOTE(1).ASCO REPT. AQS21678/TR REV. A
FUNCT.DES: & SERVICE LETDOWN LINE ISOLATIONVALVE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	NOT APPLICABLE	CRB15 SL2-FSAR TABLE311-1 C365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	(2)NAMCO REPT. QTR 105 DATED 8/80. (3)CONAX MODULES INSTALLED AS PER FV0094.
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	P.4-4 OF NOTE 1 P.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 704									
P.O #: 303815 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 P.4-12 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB15									
COORDINATES X- 641.0 Y- 1540.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	REF. 3	SRB15 SL2-FSAR TABLE311-1 S365	REF.3	NOT APPLIC	H	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0457	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.2/9.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.2/9.2							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE	T 3.2/9.2							
	PRESSURE	P 3.2/9.2							
	REL. HUMDTY	H 3.2/9.2							
	CHEM. SPRAY	C 3.2/9.2							
	RADIATION	R 3.2/9.2	REFERENCES: 1.IEEE323-74,382-72 2.REPLACE NON NP8300 SERIES SOLENOIDS. 3.INSTALLATNS WERE FLD VRFD TO BE BELOW FLOOD LEVEL						
PHYS DWG REF: 2998G-365	AGING	3.2/9.2							REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	SUBMERGENCE	S 3.2/9.2							
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.2/9.2	SAR ENV CAT: A								SYSTEM :CHEMICAL&VOL CONTROL
	0588 CATEG.: A								TAG :V2515
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1658

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V2516	OPERABILITY NORM/TEST DBA	40 YRS 180 DAYS POST DBA	>40 YRS +40000CYCL	SL2-FSAR TBLE3.11-2	PG 5-1 OF NOTE 1 P.4-7 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 268/248F
COMPONENT: CONTROL VALVE	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM >SL2 DBA REQUIRMNTS	TRB15 SL2-FSAR TABLE311-1 T365	PG 4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: FIG5,6 NOTE SRS#A3.2
MANUFACTURER: ASCO/NAMCO									MAINTAIN.:
MAJOR SUPPLIER : FISHER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM >SL2 DBA REQUIRMNTS	PRB15 SL2-FSAR TABLE311-1 P365	PG 4-21 OF NOTE 1 FIG. 3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	FIG5,6 NOTE2 SRS#A3.2 SUBCOMPONENTS:
MODEL AND SERIAL #: S:RFHV202301	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	>90%	HRB15 SL2-FSAR TABLE311-1 H365	P.8-2 OF NOTE 1 P.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1:ASCO REPT. AQS21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80 3.CONAX MODULES
FUNCT.DES: & SERVICE LETDOWN LINE ISOLATIONVALVE									INSTALLED AS PER
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	NOT APPLICABLE	CRB15 SL2-FSAR TABLE311-1 C365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	FV0095.
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 2.0E6 3.0E5 30 D 2.9E7 2.1E6 1 YR 3.5E7 2.2E6 40YR/RW 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	P.4-4 OF NOTE 1 P.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 704									
P.O #: 303815 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 P.4-12 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB15									ESF
COORDINATES X- 644.0 Y- 1543.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	REF. 3	SRB15 SL2-FSAR TABLE311-1 S365	REF. 3	N/A	H	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES INSTAL. REF: FV0457 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2
**********	OPERABILITY	3.2/9.2							
QUALIF QUALIFIED-FOR	TEMPERATURE T	3.2/9.2							
STATUS INTERIM OPERATION	PRESSURE P	3.2/9.2							
********	REL. HUMDTY H	3.2/9.2							
*	CHEM. SPRAY C	3.2/9.2	REFERENCES: 1.IEEE 323-74,382-72						3
**********	RADIATION R	3.2/9.2	2.REPLACE NON NP 8300 SERIES SOLENOIDS.						
PHYS DWG REF: 2998G-365	AGING	3.2/9.2	3.INSTALLATNS WERE FLD VRFD TO BE BELOW FLOOD LEVEL						REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	SUBMERGENCE S	3.2/9.2							
MOUNTING : NOT APPLICABLE									SYSTEM :CHEMICAL&VOL CONTROL
EQ PACK # : 3.2/9.2	SAR ENV CAT: A								TAG :V2516
	0588 CATEG.: A								
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1659

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V2525	OPERABILITY	40 YRS	40 YRS	SL2-FSAR	LIMITRQ RP	COMB.	/	NONE	ACCEL TIME:
		<500 CYCLS	2000 CYCLS	TABLE311-2	T B0058 P.	TEST &			100 HRS
	NORM/TEST	UP TO 180	>200 DAYS	OPER.	16,131 APP	EXTRA-			
EQUIPMENT: VALVE OPERATORS	DBA	DY POSTDBA	POST DBA	REVIEW	ID REF1,2	POL'N			ACCEL TEMP:
TYPE									180C
	TEMPERATURE	85.5F NORM	140F NORM	TAB25	LMTRQ REPT	COMB.	M	NONE	
			250F>24HR	SL2-FSAR	B0058 APP.	TEST &			REPLACEMENT:
COMPONENT: MOTOR OPERATED VALVES		112F1200HR	FIG.1 OF	TABLE311-1	ID P.5	EXTRA-			NOT
		104FDESIGN	REPT.	T392	REF 1,2	POL'N			APPLICABLE
MANUFACTURER: LIMITORQUE CORP									MAINTAIN.:
	PRESSURE	ATMOS NORM	OPSIG NORM	PAB25	LMTRQ REPT	COMB.	M	NONE	NOT
		OPSIG	25 PSIG	SL2-FSAR	B0058 APP.	TEST &			APPLICABLE
MAJOR SUPPLIER : WESTINGHOUSE		(ACC. DBA)	FIG. 1 OF	TABLE311-1	ID P.1	EXTRA-			SUBCOMPONENTS:
			REPT.	P392	REF 1,2	POL'N			
	RELATIVE HUMIDITY	70.0% NORM	100%	HAB25	LMTRQ REPT	COMB.	/	NONE	NO UNIQUE TAGGED
MODEL AND: SERIAL #				SL2-FSAR	B0058 APP.	TEST &			SUBCOMPONENTS ARE
		72.0%1200H		TABLE311-1	ID P.1	EXTRA-			ENVELOPED BY THIS
FUNCT.DES: BORON LOAD CON		43% DESIGN		H392	REF 1,2	POL'N			EQUIPMENT
& SERVICE TROL VALVE									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
	R 2 HR	170 2.0E5	2.04E8	RAB25Y	LMTRQ REPT	COMB.	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	A 30 D	2.0E5 1.0E6	TOTAL	SL2-FSAR	B0058P.16,	TEST &			
	D 1 YR	17.0E5 1.4E6	INTEGRATED	TABLE311-1	17APP.DP.2	EXTRA-			
	. 40YR/RW	12.5E7 1.0E6	DOSE	R393	REF 1,2	POL'N			
SPECIFICATIONS: 705									
	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
P.O #: 401086 CWD # : /									
									ESF
PLANT LOC.: AB25									
	SUBMERGED	NO	NOT	SAB25	NOT	N/A	M	NONE	
COORDINATES X- 549.0		AREA	APPLICABLE	SL2-FSAR	APPLICABLE				
Y- 1572.0		FLOODING		TABLE311-1					AUTH. REFERENCE:
Z- 20.0									3.9-10

INSTALLED (Y/N): YES
INSTAL. REF: FV0459
QUALIF EXEMPTN: NOT APPLIC

****
QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION
****
*
****

PHYS DWG REF: 2998G-392
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.1

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.1
TEMPERATURE T	3.1
PRESSURE P	3.1
REL. HUMDTY H	3.1
CHEM. SPRAY C	3.1
RADIATION R	3.1
AGING	3.1
SUBMERGENCE S	3.1

SAR ENV CAT: E
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA.

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1

REVISION # :03
DATE :08/30/82

SYSTEM :CHEMICAL&VOL CONTROL
TAG :V2525

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1660

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : V2525 PB	OPERABIL-ITY NORM/TEST	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES	DBA	DBA							ACCEL TEMP:
TYPE									REF 1
	TEMPERAT-URE	85.5F NORM	REF 1	TAB25	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	
COMPONENT: LOCAL CNTRL STATION		112F1200HR		SL2-FSAR TABLE311-1					REPLACEMENT: REF 1
		104FDESIGN		T392					
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG	REF 1	PAB25 SL2-FSAR	REF 1	COMB. TEST &	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE		(ACC. DBA)		TABLE311-1 P392		EXTRA- POL'N			SUBCOMPONENTS:
MODEL AND SERIAL #: B/M C10-2B	RELATIVE HUMIDITY	70.0% NORM	REF 1	HAB25 SL2-FSAR	REF 1	COMB. TEST &	/	NONE	NOTE1:RECENTLY REV ISED MSLB TRANSNT
		72.0%1200H		TABLE311-1		EXTRA-			OUTSIDE CONT.,FIGS
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED		43% DESIGN		H392		POL'N			C-1A,B,C,D OF REPT REQ. REANLYSIS TO
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB25 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	DEMONST. EQUIP. RE MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL
ACCUR. SPEC: NOT APPLICABLE									CNTRL OF MOTORS &
	R 2 HR	170 1.0E5		RAB25Z		COMB.	M	NONE	MOV'S PRIMARILY
ACCUR. DEM.: NOT APPLICABLE	A 30 D	2.0E5 5.1E5	REF 1	SL2-FSAR	REF 1	TEST &			FOR MAIN. & TEST.
	D 1 YR	7.0E5 7.2E5		TABLE311-1		EXTRA-			
	. 40YR/RW	5.0E4 5.0E5		R393		POL'N			
SPECIFICATIONS:324									
	AGE- INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
P.O #:422589 CWD # : 0190/									
PLANT LOC.: AB25									
COORDINATES X- 545.0	SUBMERGED	NO		SAB25		NOT	M	NONE	
Y- 1577.0		AREA FLOODING	REF 1	SL2-FSAR TABLE311-1	REF 1	APPLIC ABLE			
Z- 20.0									AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF: FV0460	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT									
**********	OPERABILITY	55.1							
QUALIF RETEST	TEMPERATURE T	55.1							
STATUS	PRESSURE P	55.1							
********	REL. HUMDTY H	55.1							
*	CHEM. SPRAY C	55.1							
**********	RADIATION R	55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
PHYS DWG REF: 2998G-392	AGING	55.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	55.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 55.1	SAR ENV CAT: E								SYSTEM :CHEMICAL&VOL CONTROL
	0588 CATEG.: B								TAG :V2525 PB
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: 890 MW(E) | CES#-1661

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V2553	OPERABIL-ITY	40 YRS <500 CYCLS	40 YRS 2000 CYCLS	SL2-FSAR TABLE311-2	LIMITRQ RP T B0058 P.	COMB. TEST &	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA	UP TO 180 DY POSTDBA	>200 DAYS POST DBA	OPER. REVIEW	16,131 APP D REF1,2	EXTRA- POL'N			ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES	TEMPERAT-URE	89.5F NORM 119F NO AC 116F1200HR 108FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TAB24B SL2-FSAR TABLE311-1 T391	LMTRQ REPT B0058 APP. D P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP	PRESSURE	ATMOS NORM 0 PSIG (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PAB24B SL2-FSAR TABLE311-1 P391	LMTRQ REPT B0058 APP. D P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR : CCI SUPPLIER									SUBCOMPONENTS: NO UNIQUE TAGGED
MODEL AND: SMB-00 SERIAL #	RELATIVE HUMIDITY	62.0% NORM 63.0%1200H 39% DESIGN	100%	HAB24B SL2-FSAR TABLE311-1 H391	LMTRQ REPT B0058 APP. D P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: CHGG P 2C & SERVICE BYPASS									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	170 5.0E4 2.0E5 2.6E5 2.9E5 3.7E5 5.0E4 2.5E5	2.04E8 TOTAL INTEGRATED DOSE	RAB24N SL2-FSAR TABLE311-1 R391	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:725									
P.O #:972575 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB24									
COORDINATES X- 573.0 Y- 1548.0 Z- 4.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES INSTAL. REF:FV0461 QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.1
TEMPERATURE T	3.1
PRESSURE P	3.1
REL. HUMDTY H	3.1
CHEM. SPRAY C	3.1
RADIATION R	3.1
AGING	3.1
SUBMERGENCE S	3.1

QUALIF* QUALIFIED-FOR
STATUS* INTERIM OPERATION

PHYS DWG REF: 2998G-391
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.1

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA.

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1

REVISION # :03
DATE :08/30/82

SYSTEM :CHEMICAL&VOL CONTROL
TAG :V2553

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1662

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : V2553 PB	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT TYPE: CONTROL DEVICES									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	89.5F NORM 119F NO AC 116F1200HR 108FDESIGN	REF 1	TAB24B SL2-FSAR TABLE311-1 T391	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM 0 PSIG (ACC. DBA)	REF 1	PAB24B SL2-FSAR TABLE311-1 P391	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL #: B/M C10-3	RELATIVE HUMIDITY	62.0% NORM 63.0%1200H 39% DESIGN	REF 1	HAB24B SL2-FSAR TABLE311-1 H391	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. RE
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB24 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS &
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	170 5.0E4 2.0E5 2.6E5 2.9E5 3.7E5 5.0E4 2.5E5	REF 1	RAB24N SL2-FSAR TABLE311-1 R391	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MOV'S PRIMARILY FOR MAIN. & TEST.
SPECIFICATIONS:324									
P.O #:422589 CWD # : 0198/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24									3
COORDINATES X- 585.0 Y- 1558.0 Z- 5.0	SUBMERGED	NO AREA FLOODING	REF 1	SAB24 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF:FV0462	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT									
**********	OPERABILITY	55.1							
QUALIF RETEST	TEMPERATURE T	55.1							
STATUS	PRESSURE P	55.1							
********	REL. HUMDTY H	55.1							
*	CHEM. SPRAY C	55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
**********	RADIATION R	55.1							
PHYS DWG REF: 2998G-391	AGING	55.1							REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	SUBMERGENCE S	55.1							
MOUNTING : NOT APPLICABLE									
EQ PACK # : 55.1	SAR ENV CAT: D								SYSTEM :CHEMICAL&VOL CONTROL
	0588 CATEG.: B								TAG :V2553 PB
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1663

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : V2554	OPERABIL-ITY NORM/TEST DBA	40 YRS <500 CYCLS UP TO 180 DY POSTDBA	40 YRS 2000 CYCLS >200 DAYS POST DBA	SL2-FSAR TABLE311-2 OPER. REVIEW	LIMITRQ RP IT B0058 P. 16,131 APP ID REF1,2	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES	TEMPERAT-URE	89.5F NORM 119F NO AC 116F1200HR 108FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TAB24B SL2-FSAR TABLE311-1 T391	LMTRQ REPT B0058 APP. ID P.5 REF 1,2	COMB. TEST & EXTRA-POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP									MAINTAIN.:
MAJOR : CCI SUPPLIER	PRESSURE	ATMOS NORM 0 PSIG (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PAB24B SL2-FSAR TABLE311-1 P391	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA-POL'N	M	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND: SB-00/319642 SERIAL #	RELATIVE HUMIDITY	62.0% NORM	100%	HAB24B SL2-FSAR	LMTRQ REPT B0058 APP.	COMB. TEST &	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
		63.0%1200H		TABLE311-1	ID P.1	EXTRA-			
FUNCT.DES: CHGG P 2B & SERVICE BYPASS		39% DESIGN		H391	REF 1,2	POL'N			
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	170 5.0E4 2.0E5 2.6E5 2.9E5 3.7E5 5.0E4 2.5E5	2.04E8 TOTAL INTEGRATED DOSE	RAB24N SL2-FSAR TABLE311-1 R391	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS: 725									
P.O #: 972575 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									ESF
COORDINATES X- 558.0 Y- 1548.0 Z- 4.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0464	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE T	3.1							
	PRESSURE P	3.1							
	REL. HUMDTY H	3.1							
	CHEM. SPRAY C	3.1	REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA.						
	RADIATION R	3.1							
PHYS DWG REF: 2998G-391	AGING	3.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	3.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.1	SAR ENV CAT: D								SYSTEM :CHEMICAL&VOL CONTROL
	0588 CATEG.: A								TAG :V2554
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1664

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM.	QUALIF.	DOCUMENTATION ACTUAL	DEM.	QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2		3	4		5	6	7	
TAG NO : V2554 PB	OPERABIL-ITY NORM/TEST	40 YEARS + TEST + 180 DAYS POST	REF 1		FSAR TABLE 3.11-2	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE	DBA	DBA									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	89.5F NORM 119F NO AC 116F1200HR 108FDESIGN	REF 1		TAB24B SL2-FSAR TABLE311-1 T391	REF 1		COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM 0 PSIG (ACC. DBA)	REF 1		PAB24B SL2-FSAR TABLE311-1 P391	REF 1		COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE											SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C10-3	RELATIVE HUMIDITY	62.0% NORM 63.0%1200H 39% DESIGN	REF 1		HAB24B SL2-FSAR TABLE311-1 H391	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED											
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1		CAB24 SL2-FSAR TABLE311-1	REF 1		NOT APPLIC ABLE	M	NONE	
ACCUR. SPEC: NOT APPLICABLE											
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	170 5.0E4 2.0E5 2.6E5 2.9E5 3.7E5 5.0E4 2.5E5	REF 1		RAB24N SL2-FSAR TABLE311-1 R391	REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:324											
P.O #:422589 CWD # : 0197/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1		10CFR50 PARA 50.51	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24											
COORDINATES X- 570.0 Y- 1552.0 Z- 5.0	SUBMERGED	NO AREA FLOODING	REF 1		SAB24 SL2-FSAR TABLE311-1	REF 1		NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES INSTAL. REF:FV0463 QUALIF EXEMPTN: NOT EXEMPT											

PARA-METER	SUPPL. REVIEW
OPERABILITY	55.1
TEMPERATURE T	55.1
PRESSURE P	55.1
REL. HUMDTY H	55.1
CHEM. SPRAY C	55.1
RADIATION R	55.1
AGING	55.1
SUBMERGENCE S	55.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-391
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 55.1

SAR ENV CAT: D
10588 CATEG.: B
APPENDIX E

REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982

REVISION # :03
DATE :08/30/82

SYSTEM :CHEMICAL&VOL CONTROL
TAG :V2554 PB

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1665

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V2555	OPERABIL-ITY /NORM/TEST /DBA	40 YRS <500 CYCLS UP TO 180 DY POSTDBA	40 YRS 2000 CYCLS >200 DAYS POST DBA	SL2-FSAR TABLE311-2 OPER. REVIEW	LIMITRQ RP T B0058 P. 16,131 APP D REF1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	TEMPERAT-URE	89.5F NORM 119F NO AC 116F1200HR 108FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TAB24B SL2-FSAR TABLE311-1 T391	LMTRQ REPT B0058 APP. D P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	M	NONE	ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES	PRESSURE	ATMOS NORM 0 PSIG (ACC. DBA)	0PSIG NORM 25 PSIG FIG. 1 OF REPT.	PAB24B SL2-FSAR TABLE311-1 P391	LMTRQ REPT B0058 APP. D P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP									MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : CCI									SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND SERIAL # : SMB-00	RELATIVE HUMIDITY	62.0% NORM 63.0%1200H 39% DESIGN	100%	HAB24B SL2-FSAR TABLE311-1 H391	LMTRQ REPT B0058 APP. D P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: & SERVICE CHGG P 2A BYPASS									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	170 5.0E4 2.0E5 2.6E5 2.9E5 3.7E5 5.0E4 2.5E5	2.04E8 TOTAL INTEGRATED DOSE	RAB24N SL2-FSAR TABLE311-1 R391	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 725									
P.O #: 972575 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB24									
COORDINATES X- 544.0 Y- 1548.0 Z- 4.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0465	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE T	3.1							
	PRESSURE P	3.1							
	REL. HUMDTY H	3.1							
	CHEM. SPRAY C	3.1	REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA.						
	RADIATION R	3.1							
	AGING	3.1							
	SUBMERGENCE S	3.1							
PHYS DWG REF: 2998G-391									REVISION # :03
PHYS DWG LOC:	SAR ENV CAT: D								DATE :08/30/82
MOUNTING : NOT APPLICABLE	0588 CATEG.: A								SYSTEM :CHEMICAL&VOL CONTROL
EQ PACK # : 3.1	APPENDIX E								TAG :V2555

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1666

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV DEM. QUALIF.	DOCUMENTATION ACTUAL	DOC DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : V2555 PB	OPERABIL-ITY NORM/TEST DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	89.5F NORM 119F NO AC 116F1200HR 108FDESIGN	REF 1	TAB24B SL2-FSAR TABLE311-1 T391	REF 1	COMB. TEST & EXTRA-POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM 0 PSIG (ACC. DBA)	REF 1	PAB24B SL2-FSAR TABLE311-1 P391	REF 1	COMB. TEST & EXTRA-POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C10-3	RELATIVE HUMIDITY	62.0% NORM 63.0%1200H 39% DESIGN	REF 1	HAB24B SL2-FSAR TABLE311-1 H391	REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB24 SL2-FSAR TABLE311-1	REF 1	NOT APPLICABLE	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	170 5.0E4 12.0E5 2.6E5 12.9E5 3.7E5 15.0E4 2.5E5	REF 1	RAB24N SL2-FSAR TABLE311-1 R391	REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS: 324									
P.O #:422589 CWD # : 0196/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24									
COORDINATES X- 556.0 Y- 1551.0 Z- 5.0	SUBMERGED	NO AREA FLOODING	REF 1	SAB24 SL2-FSAR TABLE311-1	REF 1	NOT APPLICABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF: FV0466									
QUALIF EXEMPTN: NOT EXEMPT									

PARAMETER	SUPPL. REVIEW
OPERABILITY	55.1
TEMPERATURE T	55.1
PRESSURE P	55.1
REL. HUMDTY H	55.1
CHEM. SPRAY C	55.1
RADIATION R	55.1
AGING	55.1
SUBMERGENCE S	55.1

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-391
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 55.1

SAR ENV CAT: D
10588 CATEG.: B
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1

REVISION # :03
DATE :08/30/82

SYSTEM :CHEMICAL&VOL CONTROL
TAG :V2555 PB

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1667

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : V3456	OPERABIL-ITY	40 YRS <500 CYCLS	40 YRS 2000 CYCLS	SL2-FSAR TABLE311-2	LIMITRQ RP T B0058 P.	COMB. TEST &	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA	UP TO 180 DY POSTDBA	>200 DAYS POST DBA	OPER. REVIEW	16,131 APP D REF1,2	EXTRA- POL'N			ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TAB24I SL2-FSAR TABLE311-1 T390	LMTRQ REPT B0058 APP. D P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PAB24 SL2-FSAR TABLE311-1 P390	LMTRQ REPT B0058 APP. D P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : WESTINGHOUSE									SUBCOMPONENTS: NO UNIQUE TAGGED
MODEL AND SERIAL #: SB-0/259660	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24I SL2-FSAR TABLE311-1 H390	LMTRQ REPT B0058 APP. D P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE SDC HX LOCATION									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.04E8 TOTAL INTEGRATED DOSE	RAB24M SL2-FSAR TABLE311-1 R390	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 705									
P.O #: 401086 CWD # : 1504/	AGE- INST LIFE (PER 323- 1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB24									
COORDINATES X- 575.0 Y- 1467.0 Z- 5.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES INSTAL. REF: FV0467 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1
**********	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR	TEMPERATURE T	3.1							
STATUS INTERIM OPERATION	PRESSURE P	3.1							
********	REL. HUMDTY H	3.1							
*	CHEM. SPRAY C	3.1							
**********	RADIATION R	3.1	REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA.						
PHYS DWG REF: 2998G-390	AGING	3.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	3.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.1	SAR ENV CAT: D 10588 CATEG.: A APPENDIX E								SYSTEM :SAFETY INJECTION TAG :V3456

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1668

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : V3456 SS	OPERABIL-ITY NORM/TEST	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE		DBA							ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F-NORM 112F1200HR 104FDESIGN	REF 1	TAB24I SL2-FSAR TABLE311-1 T390	REF 1	COMB. TEST & EXTRA-POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1	PAB24 SL2-FSAR TABLE311-1 P390	REF 1	COMB. TEST & EXTRA-POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL #: B/M C9-3	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	REF 1	HAB24I SL2-FSAR TABLE311-1 H390	REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: LCL CONTROL OF & SERVICE TAG INDICATED									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB24 SL2-FSAR TABLE311-1	REF 1	NOT APPLICABLE	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	REF 1	RAB24M SL2-FSAR TABLE311-1 R390	REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS: 324									
P.O #: 422589 CWD # : 1504/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24									
COORDINATES X- 573.0 Y- 1469.0 Z- 5.0	SUBMERGED	-10.0 FT	REF 1	SAB24M SL2-FSAR TABLE311-1 S390	REF 1	NOT APPLICABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF: FV0468	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 55.1
QUALIF EXEMPTN: NOT EXEMPT									
**********	OPERABILITY	55.1							
QUALIF RETEST	TEMPERATURE T	55.1							
STATUS	PRESSURE P	55.1							
********	REL. HUMDTY H	55.1							
* *	CHEM. SPRAY C	55.1							
**********	RADIATION R	55.1							
PHYS DWG REF: 2998G-390	AGING	55.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	55.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 55.1	SAR ENV CAT: D								SYSTEM :SAFETY INJECTION
	0588 CATEG.: B								TAG :V3456 SS
	APPENDIX E								

REFERENCES: 1) VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK. VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT. 30, 1982

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1669

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : V3457	OPERABIL-ITY	40 YRS	40 YRS	SL2-FSAR	LIMITRQ RP	COMB.	/	NONE	ACCEL TIME:
		<500 CYCLS	2000 CYCLS	TABLE311-2	T B0058 P.	TEST &			100 HRS
EQUIPMENT: VALVE OPERATORS	NORM/TEST	UP TO 180	>200 DAYS	OPER.	16,131 APP	EXTRA-			
TYPE	DBA	DY POSTDBA	POST DBA	REVIEW	D REF1,2	POL'N			ACCEL TEMP:
									180C
COMPONENT: MOTOR OPERATED VALVES	TEMPERAT-URE	85.5F NORM	140F NORM	TAB24I	LMTRQ REPT	COMB.	M	NONE	
			250F>24HR	SL2-FSAR	B0058 APP.	TEST &			REPLACEMENT:
		112F1200HR	FIG.1 OF	TABLE311-1	D P.5	EXTRA-			NOT
		104FDESIGN	REPT.	T390	REF 1,2	POL'N			APPLICABLE
MANUFACTURER: LIMITORQUE CORP									MAINTAIN.:
	PRESSURE	ATMOS NORM	OPSIG NORM	PAB24	LMTRQ REPT	COMB.	M	NONE	NOT
		OPSIG	25 PSIG	SL2-FSAR	B0058 APP.	TEST &			APPLICABLE
MAJOR SUPPLIER : WESTINGHOUSE		(ACC. DBA)	FIG. 1 OF	TABLE311-1	D P.1	EXTRA-			SUBCOMPONENTS:
			REPT.	P390	REF 1,2	POL'N			
									NO UNIQUE TAGGED
MODEL AND SERIAL #: SB-O/267837	RELATIVE HUMIDITY	70.0% NORM	100%	HAB24I	LMTRQ REPT	COMB.	/	NONE	SUBCOMPONENTS ARE
				SL2-FSAR	B0058 APP.	TEST &			ENVELOPED BY THIS
		72.0%1200H		TABLE311-1	D P.1	EXTRA-			EQUIPMENT
FUNCT.DES: SDC HX & SERVICE ISOLATION		50% DESIGN		H390	REF 1,2	POL'N			
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
	R	2 HR	240 4.0E4	12.04E8	RAB24M	LMTRQ REPT	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	A	30 D	12.8E5 2.2E5	TOTAL	SL2-FSAR	B0058P.16,			
	D	1 YR	14.2E5 3.1E5	INTEGRATED	TABLE311-1	17APP.DP.2			
	.	40YR/RW	11.0E4 2.0E5	DOSE	R390	REF 1,2			
SPECIFICATIONS: 705									
P.O #: 401086 CWD # : 1505/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 12000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									ESF
COORDINATES X- 567.0 Y- 1463.0 Z- 5.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0469	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE T	3.1							
	PRESSURE P	3.1							
	REL. HUMDTY H	3.1							
	CHEM. SPRAY C	3.1							
	RADIATION R	3.1							
PHYS DWG REF: 2998G-390	AGING	3.1							
PHYS DWG LOC:	SUBMERGENCE S	3.1							
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.1	SAR ENV CAT: D								
	0588 CATEG.: A								
	APPENDIX E								

REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA.

REVISION # :03
DATE :08/30/82

SYSTEM :SAFETY INJECTION
TAG :V3457

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1670

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	DEM.	QUALIF.	DOCUMENTATION ACTUAL	DEM.	QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2		3	4		5	6	7	
TAG NO : V3457 SS	OPERABIL-ITY NORM/TEST	40 YEARS + TEST + 180 DAYS POST DBA	REF 1		FSAR TABLE 3.11-2	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE	DBA	DBA									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	REF 1		TAB24I SL2-FSAR TABLE311-1 T390	REF 1		COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1		PAB24 SL2-FSAR TABLE311-1 P390	REF 1		COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE											SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C9-3A	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	REF 1		HAB24I SL2-FSAR TABLE311-1 H390	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE TAG INDICATED											
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1		CAB24 SL2-FSAR TABLE311-1	REF 1		NOT APPLIC ABLE	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	REF 1		RAB24M SL2-FSAR TABLE311-1 R390	REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:324											
P.O #:422589 CWD # : 1505/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1		10CFR50 PARA 50.51	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24											
COORDINATES X- 558.0 Y- 1463.0 Z- 5.0	SUBMERGED	-10.0 FT	REF 1		SAB24M SL2-FSAR TABLE311-1 S390	REF 1		NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES											
INSTAL. REF:FV0470	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #								QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT											
**********	OPERABILITY	55.1									
QUALIF RETEST	TEMPERATURE T	55.1									
STATUS	PRESSURE P	55.1									
********	REL. HUMDTY H	55.1									
*	CHEM. SPRAY C	55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982								
**********	RADIATION R	55.1									
PHYS DWG REF: 2998G-390	AGING	55.1									
PHYS DWG LOC:	SUBMERGENCE S	55.1									REVISION # :03
MOUNTING : NOT APPLICABLE											DATE :08/30/82
EQ PACK # : 55.1	SAR ENV CAT: D										SYSTEM :SAFETY INJECTION
	0588 CATEG.: B										TAG :V3457 SS
	APPENDIX E										

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1671

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V3480	OPERABIL-ITY	40 YEARS <500 CYCLS <30 MIN.	40 YEARS >2000CYCLS >20 MIN.	SL2-FSAR TBL 3.11-2 OPERATION	LIMTQ.RPT B0058 APP. C PP5,9,15	COMB. TEST & EXTRA-	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS	NORM/TEST DBA	POST DBA	POST DBA	REVIEW	REF.1,2	POL'N			
TYPE									ACCEL TEMP: 180 C
COMPONENT: MOTOR OPERATED VALVE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	140F NORM ENVELOPES SL2 PROFLE	TRB15 SL2-FSAR TABLE311-1 T365	LIMTQ.RPT B0058 APP. C PP.13,28 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORPORATION	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	ENVELOPES SL2 REQUIR EMENTS	PRB15 SL2-FSAR TABLE311-1 P365	LIMTQ.RPT B0058 APP. C P.13 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : WESTINGHOUSE									SUBCOMPONENTS:
MODEL AND SERIAL #: SMB-1/23024	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	LIMTQ.RPT B0058 APP. C P18	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: SDC/ISOL & SERVICE VALVE									
	CHEMICAL SPRAY	1720-2150 PPM B. 50- 65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH. 10.5	CRB15 SL2-FSAR TABLE311-1 C365	LMITQ.RPT B0058 APP. C PG.17 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	2.04E8 T.I.D.	RRB15A SL2-FSAR TABLE311-1 R365	LIMTQ.RPT B0058 APP. C PG.6 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 705									
P.O #: 401086 CWD # : /-	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS >2000CYCLS	10CFR50 PARA 50.51	LIMTQ.RPT B0058 APP. C PG.1 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB15									ESF
COORDINATES X- 708.0 Y- 1491.0 Z- 35.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	REF.2	SRB15 SL2-FSAR TABLE311-1 S365	LIMTQ.RPT.	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.9-9
INSTALLED (Y/N): YES									
INSTAL. REF: FV0472	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR	TEMPERATURE	T 3.1							
STATUS INTERIM OPERATION	PRESSURE	P 3.1							
	REL. HUMDTY	H 3.1							
	CHEM. SPRAY	C 3.1	REFERENCES: 1) QUAL TO IEEE323-74,383-72, 101-72,117-74. 2) NO MOV IS REQUIRED TO FUNCTION DURING WORST CASE DBA 4 LNG TERM IN NRC-IN 81-29 NOT1. REVIEW ONGOING.						
	RADIATION	R 3.1							
	AGING	3.1							REVISION # : 03
PHYS DWG REF: 2998G-365	SUBMERGENCE	S 3.1							DATE : 08/30/82
PHYS DWG LOC:									SYSTEM : SAFETY INJECTION
MOUNTING : NOT APPLICABLE	SAR ENV CAT:	A							TAG : V3480
EQ PACK # : 3.1	0588 CATEG.:	A							
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1673

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : V3481	OPERABIL-ITY	40 YEARS <500 CYCLS	40 YEARS >2000CYCLS	SL2-FSAR TBL 3.11-2	LIMTQ.RPT IB0058 APP.	COMB. TEST &	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA	<30 MIN. POST DBA	>20 MIN. POST DBA	OPERATION REVIEW	IC PP5,9,15 REF.1,2	EXTRA- POL'N			ACCEL TEMP: 180 C
COMPONENT: MOTOR OPERATED VALVE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	140F NORM ENVELOPES SL2 PROFLE	TRB15 SL2-FSAR TABLE311-1 T365	LIMTQ.RPT IB0058 APP. IC PP.13,28 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORPORATION	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	ENVELOPES SL2 REQUIR EMENTS	PRB15 SL2-FSAR TABLE311-1 P365	LIMTQ.RPT IB0058 APP. IC P.13 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : WESTINGHOUSE									SUBCOMPONENTS:
MODEL AND SERIAL #: SMB-1/230238	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	LIMTQ.RPT IB0058 APP. IC P18	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE SDC ISOL VALVE									
	CHEMICAL SPRAY	1720-2150 PPM B. 50- 65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH. 10.5	CRB15 SL2-FSAR TABLE311-1 C365	LMITQ.RPT IB0058 APP. IC PG.17 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	2.04E8 T.I.D.	RRB15A SL2-FSAR TABLE311-1 R365	LIMTQ.RPT IB0058 APP. IC PG.6 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 705									
P.O #: 401086 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS >2000CYCLS	10CFR50 PARA 50.51	LIMTQ.RPT IB0058 APP. IC PG.1 REF.1,2 ,	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB15									ESF
COORDINATES X- 696.0 Y- 1482.0 Z- 37.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	REF.2	SRB15 SL2-FSAR TABLE311-1 S365	LIMTQ.RPT.	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.9-9
INSTALLED (Y/N): YES INSTAL. REF: FV0474 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	OPERABILITY	3.1							
	TEMPERATURE	T 3.1							
	PRESSURE	P 3.1							
	REL. HUMDTY	H 3.1							
	CHEM. SPRAY	C 3.1							
	RADIATION	R 3.1							
	AGING	3.1							
	SUBMERGENCE	S 3.1							
PHYS DWG REF: 2998G-365 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 3.1	SAR ENV CAT: A 10588 CATEG.: A APPENDIX E		REFERENCES: 1)QUAL TO IEEE323-74,383-72, 101-72,117-74. 2)NO MOV IS REQUIRED TO FUNCTION DURING WORST CASE DBA 4 LNG TERM IN NRC-IN 81-29 NOT1. REVIEW ONGOING.						REVISION # :03 DATE :08/30/82 SYSTEM :SAFETY INJECTION TAG :V3481

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1675

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	1	ENVIRONMENT DEM. QUALIF.	2	DOCUMENTATION ACTUAL	3	DOCUMENTATION DEM. QUALIF.	4	QUALIF. METHOD	5	H/M	6	OUTS ITEMS	7	
TAG NO : V3495 SS	OPERABIL-ITY /NORM/TEST	40 YEARS + TEST + 180 DAYS POST	REF 1		FSAR TABLE 3.11-2		REF 1		COMB. TEST & EXTRA- POL'N	/ .		NONE		ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES	DBA	DBA												ACCEL TEMP: REF 1
TYPE														
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM	REF 1		TAB24I SL2-FSAR TABLE311-1 T390		REF 1		COMB. TEST & EXTRA- POL'N	M		NONE		REPLACEMENT: REF 1
		112F1200HR												
		104FDESIGN												
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM	REF 1		PAB24 SL2-FSAR TABLE311-1 P390		REF 1		COMB. TEST & EXTRA- POL'N	M		NONE		MAINTAIN.: REF 1
		OPSIG (ACC. DBA)												
MAJOR SUPPLIER : NOT APPLICABLE														SUBCOMPONENTS:
MODEL AND SERIAL #: B/M C9-3G	RELATIVE HUMIDITY	70.0% NORM	REF 1		HAB24I SL2-FSAR TABLE311-1 H390		REF 1		COMB. TEST & EXTRA- POL'N	/		NONE		NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. RE
		72.0%1200H												
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED		50% DESIGN												
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1		CAB24 SL2-FSAR TABLE311-1		REF 1		NOT APPLIC ABLE	M		NONE		MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS &
ACCUR. SPEC: NOT APPLICABLE														
ACCUR. DEM.: NOT APPLICABLE	R 2 HR	240 4.0E4	REF 1		RAB24M SL2-FSAR TABLE311-1 R390		REF 1		COMB. TEST & EXTRA- POL'N	H		NONE		MOV'S PRIMARILY FOR MAIN. & TEST.
	A 30 D	2.8E5 2.2E5												
	D 1 YR	4.2E5 3.1E5												
	. 40YR/RW	1.0E4 2.0E5												
SPECIFICATIONS:324														
P.O #:422589 CWD # : 1520/	AGE- INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1		10CFR50 PARA 50.51		REF 1		COMB. TEST & EXTRA- POL'N	/		NONE		SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24														
COORDINATES X- 572.0	SUBMERGED	-10.0 FT	REF 1		SAB24M SL2-FSAR TABLE311-1 S390		REF 1		NOT APPLIC ABLE	M		NONE		
Y- 1515.0														
Z- 5.0														AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES														
INSTAL. REF:FV0475	PARA-METER	SUPPL. REVIEW		FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #										QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT														
**********	OPERABILITY	55.1												
QUALIF RETEST	TEMPERATURE T	55.1												
STATUS	PRESSURE P	55.1												
********	REL. HUMDTY H	55.1												
*	CHEM. SPRAY C	55.1		REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982										
**********	RADIATION R	55.1												
PHYS DWG REF: 2998G-390	AGING	55.1												
PHYS DWG LOC:	SUBMERGENCE S	55.1												REVISION # :03 DATE :08/30/82
MOUNTING : NOT APPLICABLE														
EQ PACK # : 55.1	SAR ENV CAT: D													SYSTEM :SAFETY INJECTION
	0588 CATEG.: B													
	APPENDIX E													TAG :V3495 SS

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1676

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : V3496 SS	OPERABIL-ITY	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE	NORM/TEST DBA								ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	REF 1	TAB24I SL2-FSAR TABLE311-1 T390	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1	PAB24 SL2-FSAR TABLE311-1 P390	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C9-3G	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	REF 1	HAB24I SL2-FSAR TABLE311-1 H390	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REV ISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. RE MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB24 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	REF 1	RAB24M SL2-FSAR TABLE311-1 R390	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:324									
P.O #:422589 CWD # : 1520/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24									
COORDINATES X- 557.0 Y- 1539.0 Z- -5.0	SUBMERGED	-10.0 FT	REF 1	SAB24M SL2-FSAR TABLE311-1 S390	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF: FV0476									
QUALIF EXEMPTN: NOT EXEMPT									

PARAMETER	SUPPL. REVIEW
OPERABILITY	55.1
TEMPERATURE T	55.1
PRESSURE P	55.1
REL. HUMDTY H	55.1
CHEM. SPRAY C	55.1
RADIATION R	55.1
AGING	55.1
SUBMERGENCE S	55.1

QUALIF RETEST *STATUS*.

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 55.1

SAR ENV CAT: D
0588 CATEG.: B
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1

REVISION # :03
DATE :08/30/82

SYSTEM :SAFETY INJECTION
TAG :V3496 SS

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1677

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V3517	OPERABILITY NORM/TEST DBA	40 YEARS <500 CYCLS <30 MIN. POST DBA	40 YEARS >2000CYCLS >20 MIN. POST DBA	SL2-FSAR TBL 3.11-2 OPERATION REVIEW	LIMTQ.RPT BO058 APP. C PP5,9,15 REF.1,2	COMB. TEST & EXTRA- POL'N	/ 	NONE	ACCEL TIME: 100 HRS ACCEL TEMP: 180 C
EQUIPMENT: VALVE OPERATORS TYPE									
COMPONENT: MOTOR OPERATED VALVE	TEMPERATURE	85.5F NORM 112F1200HR 104FDESIGN	140F NORM ENVELOPES SL2 PROFLE	TAB24I SL2-FSAR TABLE311-1 T390	LIMTQ.RPT BO058 APP. C PP.13,28 REF.1,2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORPORATION	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ENVELOPES SL2 REQUIR EMENTS	PAB24 SL2-FSAR TABLE311-1 P390	LIMTQ.RPT BO058 APP. C P.13 REF.1,2	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : WESTINGHOUSE									SUBCOMPONENTS:
MODEL AND SERIAL # : SB-O	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24I SL2-FSAR TABLE311-1 H390	LIMTQ.RPT BO058 APP. C P18	COMB. TEST & EXTRA- POL'N	/ 	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: SDC BLOCK & SERVICE VALVE									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.04E8 T.I.D.	RAB24M SL2-FSAR TABLE311-1 R390	LIMTQ.RPT BO058 APP. C PG.6 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 705									
P.O #: 401086 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS >2000CYCLS	10CFR50 PARA 50.51	LIMTQ.RPT BO058 APP. C PG.1 REF.1,2	COMB. TEST & EXTRA- POL'N	/ 	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									ESF.
COORDINATES X- 573.0 Y- 1484.0 Z- 5.0	SUBMERGED	-10.0 FT	REF.2	SAB24M SL2-FSAR TABLE311-1 S390	LIMTQ.RPT. 	COMB. TEST & EXTRA- POL'N	M	NONE	AUTH. REFERENCE: 3.9-9
INSTALLED (Y/N): YES									
INSTAL. REF: FV0477	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1
QUALIF EXEMPTN: NOT APPLICBL	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR	TEMPERATURE	T 3.1							
STATUS INTERIM OPERATION	PRESSURE	P 3.1							
	REL. HUMDTY	H 3.1							
	CHEM. SPRAY	C 3.1							
	RADIATION	R 3.1	REFERENCES: 1)QUAL TO IEEE323-74,383-72, 101-72,117-74. 2)NO MOV IS REQUIRED TO FUNCTION DURING WORST CASE DBA 4 LNG TERM IN NRC-IN 81-29 NOT1. REVIEW ONGOING.						
PHYS DWG REF: 2998G-390	AGING	3.1							
PHYS DWG LOC:	SUBMERGENCE	S 3.1							REVISION # :03
MOUNTING : NOT APPLICABLE									DATE :08/30/82
EQ PACK # : 3.1	SAR ENV CAT: D								SYSTEM :SAFETY INJECTION
	0588 CATEG.: A								TAG :V3517
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1678

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	DEM. QUALIF.	DOCUMENTATION. ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : V3517 SS	OPERABIL-ITY NORM/TEST DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	REF 1	TAB24I SL2-FSAR TABLE311-1 T390	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC									MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1	PAB24 SL2-FSAR TABLE311-1 P390	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: B/M C10-4A	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	REF 1	HAB24I SL2-FSAR TABLE311-1 H390	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. RE 3
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB24 SL2-FSAR TABLE311-1	REF 1	NOT APPLICABLE	M	NONE	MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 240 4.0E4 30 D 2.8E5 2.2E5 1 YR 4.2E5 3.1E5 1.0E4 2.0E5	REF 1	RAB24M SL2-FSAR TABLE311-1 R390	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:324									
P.O #:422589 CWD # : 1506/	AGE- INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24									
COORDINATES X- 573.0 Y- 1511.0 Z- 5.0	SUBMERGED	-10.0 FT	REF 1	SAB24M SL2-FSAR TABLE311-1 S390	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF: FVO478									
QUALIF EXEMPTN: NOT EXEMPT									

PARA-METER	SUPPL. REVIEW
OPERABILITY	55.1
TEMPERATURE T	55.1
PRESSURE P	55.1
REL. HUMDTY H	55.1
CHEM. SPRAY C	55.1
RADIATION R	55.1
AGING	55.1
SUBMERGENCE S	55.1

SAR ENV CAT: D
10588 CATEG.: B
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1

QUALIF RETEST
STATUS
****

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 55.1

REVISION # :03
DATE :08/30/82

SYSTEM :SAFETY INJECTION
TAG :V3517 SS

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1679

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	1	ENVIRONMENT DEM. QUALIF.	2	DOCUMENTATION ACTUAL	3	DOCUMENTATION DEM. QUALIF.	4	QUALIF. METHOD	5	H/M	6	OUTS ITEMS	7	
TAG NO : V3523 SS	OPERABIL-ITY /NORM/TEST	40 YEARS + TEST + 180 DAYS POST DBA		REF 1		FSAR TABLE 3.11-2		REF 1		COMB. TEST & EXTRA-POL'N		/		NONE		ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE		DBA														ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN		REF 1		TAB25A SL2-FSAR TABLE311-1 T393		REF 1		COMB. TEST & EXTRA-POL'N		H		NONE		REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)		REF 1		PAB25A SL2-FSAR TABLE311-1 P393		REF 1		COMB. TEST & EXTRA-POL'N		H		NONE		MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE																SUBCOMPONENTS:
MODEL AND: B/M C9-3B SERIAL #	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN		REF 1		HAB25A SL2-FSAR TABLE311-1 H393		REF 1		COMB. TEST & EXTRA-POL'N		/		NONE		NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST. 3
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED																
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY		REF 1		CAB25 SL2-FSAR TABLE311-1		REF 1		NOT APPLICABLE		M		NONE		
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5		REF 1		RAB25C1 SL2-FSAR TABLE311-1 R393		REF 1		COMB. TEST & EXTRA-POL'N		H		NONE		
SPECIFICATIONS:324																
P.O #:422589 CWD # : 0235/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS		REF 1		10CFR50 PARA 50.51		REF 1		COMB. TEST & EXTRA-POL'N		/		NONE		SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB25																
COORDINATES X- 587.0 Y- 1509.0 Z- 20.0	SUBMERGED	NO AREA FLOODING		REF 1		SAB25 SL2-FSAR TABLE311-1		REF 1		NOT APPLICABLE		M		NONE		AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES																
INSTAL. REF: FV0479	PARA-METER	SUPPL. REVIEW		FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #												QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1														
**********	TEMPERATURE T	55.1														
QUALIF RETEST	PRESSURE P	55.1														
STATUS	REL. HUMDTY H	55.1														
********	CHEM. SPRAY C	55.1		REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982												
*	RADIATION R	55.1														
**********	AGING	55.1														
PHYS DWG REF: 2998G-393	SUBMERGENCE S	55.1														REVISION # :03
PHYS DWG LOC:																DATE :08/30/82
MOUNTING : NOT APPLICABLE																
EQ PACK # : 55.1	SAR ENV CAT: D Q588 CATEG.: B APPENDIX E															SYSTEM :SAFETY INJECTION TAG :V3523 SS

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1680

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V3536	OPERABILITY	40 YRS <500 CYCLS UP TO 180 DY POSTDBA	40 YRS 2000 CYCLS >200 DAYS POSTDBA	SL2-FSAR TABLE311-2 OPER. REVIEW	LIMITRQ RP T B0058 P. 16,131 APP ID REF1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA								ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES	TEMPERATURE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TAB24A SL2-FSAR TABLE311-1 T390	LMTRQ REPT B0058 APP. ID P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP	PRESSURE	ATMOS NORM FIG. C-4B (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PAB24A SL2-FSAR TABLE311-1 P390	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : TARGET ROCK									SUBCOMPONENTS:
MODEL AND SERIAL # : SMB-00/258816	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 50% DESIGN	100%	HAB24A SL2-FSAR TABLE311-1 H390	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT. REF 3. RECENTLY IDENTIFIED MSLB REQUIRES THERMAL LAG ANALYSIS.
FUNCT.DES: SDC WARMUP & SERVICE									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 30 D 1 YR	440 1.1E5 4.6E5 5.3E5 6.6E5 7.4E5 4.0E4 5.0E5	2.04E8 TOTAL INTEGRATED DOSE	RAB24L SL2-FSAR TABLE311-1 R390	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE
SPECIFICATIONS: 705									
P.O #: 403351 CWD # : /	AGE- INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									ESF
COORDINATES X- 587.0 Y- 1486.0 Z- 5.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0481	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE T	3.1							
	PRESSURE P	3.1							
	REL. HUMDTY H	3.1							
	CHEM. SPRAY C	3.1		REFERENCES:	1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA. REF 3. UNDER SUBCOMPONENTS				
	RADIATION R	3.1							
	AGING	3.1							REVISION # :03
PHYS DWG REF: 2998G-390	SUBMERGENCE S	3.1							DATE :08/30/82
PHYS DWG LOC:									
MOUNTING : NOT APPLICABLE									SYSTEM :SAFETY INJECTION
EQ PACK # : 3.1	SAR ENV CAT: D								TAG :V3536
	0588 CATEG.: A								
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1681

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : V3536 SS	OPERABIL-ITY NORM/TEST	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/ .	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE	DBA	DBA							ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	REF 1	TAB24I SL2-FSAR TABLE311-1 T390	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1	PAB24 SL2-FSAR TABLE311-1 P390	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1 SUBCOMPONENTS:
MAJOR SUPPLIER : NOT APPLICABLE									
MODEL AND SERIAL # : B/M C9-1E	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	REF 1	HAB24I SL2-FSAR TABLE311-1 H390	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. RE
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB24 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS &
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	REF 1	RAB24M SL2-FSAR TABLE311-1 R390	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MOV'S PRIMARILY FOR MAIN. & TEST. 3
SPECIFICATIONS: 324									
P.O #: 422589 CWD # : 1510/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24									
COORDINATES X- 573.0 Y- 1511.0 Z- 5.0	SUBMERGED	-10.0 FT	REF 1	SAB24M SL2-FSAR TABLE311-1 S390	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF: FV0480	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1							
**********	TEMPERATURE T	55.1							
QUALIF RETEST	PRESSURE P	55.1							
STATUS	REL. HUMDTY H	55.1							
**********	CHEM. SPRAY C	55.1							
*	RADIATION R	55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
**********	AGING	55.1							
PHYS DWG REF: 2998G-390	SUBMERGENCE S	55.1							REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 55.1	SAR ENV CAT: D								SYSTEM :SAFETY INJECTION
	0588 CATEG.: B								TAG :V3536 SS
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1682

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V3539	OPERABIL-ITY /NORM/TEST /DBA	40 YRS <500 CYCLS UP TO 180 DY POSTDBA	40 YRS 2000 CYCLS >200 DAYS POST DBA	SL2-FSAR TABLE311-2 OPER. REVIEW	LIMITRQ RP T B0058 P. 16,131 APP D REF1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS ACCEL TEMP: 180C
EQUIPMENT: VALVE OPERATORS TYPE	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TAB24I SL2-FSAR TABLE311-1 T390	LMTRQ REPT B0058 APP. D P.5 REF 1,2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
COMPONENT: MOTOR OPERATED VALVES	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PAB24 SL2-FSAR TABLE311-1 P390	LMTRQ REPT B0058 APP. D P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP									
MAJOR : TARGET ROCK SUPPLIER									SUBCOMPONENTS: NO UNIQUE TAGGED
MODEL AND: SMB-1-40 SERIAL #	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24I SL2-FSAR TABLE311-1 H390	LMTRQ REPT B0058 APP. D P.1 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT. REF 3. RECENTLY IDENTIFIED MSLB REQUIRES THERMAL LAG ANALYSIS.
FUNCT.DES: & SERVICE SDC WARMUP									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.04E8 TOTAL INTEGRATED DOSE	RAB24M SL2-FSAR TABLE311-1 R390	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 705									
P.O #: 403351 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB24									
COORDINATES X- 550.0 Y- 1483.0 Z- 5.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): NO INSTAL. REF: FV0237 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	OPERABILITY	3.1							
	TEMPERATURE T	3.1							
	PRESSURE P	3.1							
	REL. HUMDTY H	3.1							
	CHEM. SPRAY C	3.1							
	RADIATION R	3.1	REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA. REF 3. UNDER SUBCOMPONENTS						
PHYS DWG REF: 2998G-390 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 3.1	AGING	3.1							REVISION # :03 DATE :08/30/82 3
	SUBMERGENCE S	3.1							
	SAR ENV CAT: D 0588 CATEG.: A APPENDIX E								SYSTEM :SAFETY INJECTION TAG :V3539

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1683

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	1	ENVIRONMENT DEM. QUALIF.	2	DOCUMENTATION ACTUAL	3	DOCUMENTATION DEM. QUALIF.	4	QUALIF. METHOD	5	H/M	6	OUTS ITEMS	7	
TAG NO : V3539 SS	OPERABIL-ITY NORM/TEST DBA	40 YEARS + TEST + 180 DAYS POST DBA		REF 1		FSAR TABLE 3.11-2		REF 1		COMB. TEST & EXTRA- POL'N		/		NONE		ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES																ACCEL TEMP: REF 1
TYPE	TEMPERAT-URE	85.5F NORM		REF 1		TAB24I SL2-FSAR TABLE311-1 T390		REF 1		COMB. TEST & EXTRA- POL'N		M		NONE		REPLACEMENT: REF 1
COMPONENT: LOCAL CNTRL STATION		112F1200HR 104FDESIGN														
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)		REF 1		PAB24 SL2-FSAR TABLE311-1 P390		REF 1		COMB. TEST & EXTRA- POL'N		M		NONE		MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE																SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C8-1E	RELATIVE HUMIDITY	70.0% NORM		REF 1		HAB24I SL2-FSAR TABLE311-1 H390		REF 1		COMB. TEST & EXTRA- POL'N		/		NONE		NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED		72.0%1200H 50% DESIGN														
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY		REF 1		CAB24 SL2-FSAR TABLE311-1		REF 1		NOT APPLIC ABLE		M		NONE		
ACCUR. SPEC: NOT APPLICABLE																
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5		REF 1		RAB24M SL2-FSAR TABLE311-1 R390		REF 1		COMB. TEST & EXTRA- POL'N		H		NONE		
SPECIFICATIONS:324																
P.O #:422589 CWD # : 1511/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS		REF 1		10CFR50 PARA 50.51		REF 1		COMB. TEST & EXTRA- POL'N		/		NONE		SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24																
COORDINATES X- 550.0 Y- 1482.0 Z- 5.0	SUBMERGED	-10.0 FT		REF 1		SAB24M SL2-FSAR TABLE311-1 S390		REF 1		NOT APPLIC ABLE		M		NONE		AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES																
INSTAL. REF:FV0483	PARA-METER	SUPPL. REVIEW		FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #												QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1														
**********	TEMPERATURE T	55.1														
QUALIF RETEST	PRESSURE P	55.1														
STATUS	REL. HUMDTY H	55.1														
********	CHEM. SPRAY C	55.1		REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982												
*	RADIATION R	55.1														
**********	AGING	55.1														
PHYS DWG REF: 2998G-390	SUBMERGENCE S	55.1														REVISION # :03 DATE :08/30/82
PHYS DWG LOC:																
MOUNTING : NOT APPLICABLE	SAR ENV CAT: D															SYSTEM :SAFETY INJECTION TAG :V3539 SS
EQ PACK # : 55.1	0588 CATEG.: B															
	APPENDIX E															

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1684

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	2 DEM. QUALIF.	DOCUMENTATION ACTUAL	4 DEM. QUALIF.	5 QUALIF. METHOD	6 H/M	7 OUTS ITEMS	
TAG NO : V3540 SS	OPERABIL-ITY NORM/TEST	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE		DBA							ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	REF 1	TAB25A SL2-FSAR TABLE311-1 T393	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	REF 1	PAB25A SL2-FSAR TABLE311-1 P393	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C9-3B	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	REF 1	HAB25A SL2-FSAR TABLE311-1 H393	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB25 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	REF 1	RAB25C1 SL2-FSAR TABLE311-1 R393	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE
SPECIFICATIONS:324									
P.O #:422589 CWD # : 0233/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB25									
COORDINATES X- 587.0 Y- 1495.0 Z- 20.0	SUBMERGED	NO AREA FLOODING	REF 1	SAB25 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF:FV0484	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	55.1							
	PRESSURE P	55.1							
	REL. HUMDTY H	55.1							
	CHEM. SPRAY C	55.1							
	RADIATION R	55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
PHYS DWG REF: 2998G-393	AGING	55.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	55.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 55.1	SAR ENV CAT: D								SYSTEM :SAFETY INJECTION
	0588 CATEG.: B								TAG :V3540 SS
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1685

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V3545	OPERABIL-ITY	40 YEARS	40 YEARS	SL2-FSAR	LIMTQ.RPT	COMB.	/	NONE	ACCEL TIME:
	NORM/TEST	<500 CYCLS <30 MIN.	>2000CYCLS >20 MIN.	TBL 3.11-2 OPERATION	B0058 APP. C PP5,9,15	TEST & EXTRA-			100 HRS
EQUIPMENT: VALVE OPERATORS	DBA	POST DBA	POST DBA	REVIEW	REF.1,2	POL'N			ACCEL TEMP:
TYPE									180 C
	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	140F NORM ENVELOPES SL2 PROFLE	TRB15 SL2-FSAR TABLE311-1 T365	LIMTQ.RPT B0058 APP. C PP.13,28 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
COMPONENT: MOTOR OPERATED VALVE									REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORPORATION	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	ENVELOPES SL2 REQUIR EMENTS	PRB15 SL2-FSAR TABLE311-1 P365	LIMTQ.RPT B0058 APP. C P.13 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : WESTINGHOUSE									SUBCOMPONENTS:
MODEL AND SERIAL #: SMB-1	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	LIMTQ.RPT B0058 APP. C P18	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE SDC CROSSTIE									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH. 10.5	CRB15 SL2-FSAR TABLE311-1 C365	LMITQ.RPT B0058 APP. C PG.17 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	2.04E8 T.I.D.	RRB15A SL2-FSAR TABLE311-1 R365	LIMTQ.RPT B0058 APP. C PG.6 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 705									
P.O #: 401086 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS >2000CYCLS	10CFR50 PARA 50.51	LIMTQ.RPT B0058 APP. C PG.1 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB15									ESF
COORDINATES X- 682.0 Y- 1478.0 Z- 36.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	REF.2	SRB15 SL2-FSAR TABLE311-1 S365	LIMTQ.RPT.	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.9-9
INSTALLED (Y/N): YES									
INSTAL. REF: FV0023	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE	T 3.1							
	PRESSURE	P 3.1							
	REL. HUMDTY	H 3.1							
	CHEM. SPRAY	C 3.1	REFERENCES: 1)QUAL TO IEEE323-74,383-72, 101-72,117-74. 2)NO MOV IS REQUIRED TO FUNCTION DURING WORST CASE DBA 4 LNG TERM IN NRC-IN 81-29 NOT1. REVIEW ONGOING.						
	RADIATION	R 3.1							
	AGING	3.1							
PHYS DWG REF: 2998G-365	SUBMERGENCE	S 3.1							REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.1	SAR ENV CAT: A								SYSTEM :SAFETY INJECTION
	0588 CATEG.: A								TAG :V3545
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1687

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : V3550 SS	OPERABIL-ITY NORM/TEST DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	REF 1	TAB25A SL2-FSAR TABLE311-1 T393	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	REF 1	PAB25A SL2-FSAR TABLE311-1 P393	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C9-38	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	REF 1	HAB25A SL2-FSAR TABLE311-1 H393	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE TAG INDICATED	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB25 SL2-FSAR TABLE311-1	REF 1	NOT APPLICABLE	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	REF 1	RAB25C1 SL2-FSAR TABLE311-1 R393	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:324									
P.O #:422589 CWD # : 0234/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB25									
COORDINATES X- 587.0 Y- 1495.0 Z- 20.0	SUBMERGED	NO AREA FLOODING	REF 1	SAB25 SL2-FSAR TABLE311-1	REF 1	NOT APPLICABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES INSTAL. REF: FVO487 QUALIF EXEMPTN: NOT EXEMPT	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #			QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1			
********** *QUALIF* RETEST *STATUS* ******** * **********	OPERABILITY TEMPERATURE T PRESSURE P REL. HUMDTY H CHEM. SPRAY C RADIATION R	55.1 55.1 55.1 55.1 55.1 55.1							
PHYS DWG REF: 2998G-393 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 55.1	AGING SUBMERGENCE S SAR ENV CAT: D 0588 CATEG.: B APPENDIX E	55.1 55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982			REVISION # :03 DATE :08/30/82 SYSTEM :SAFETY INJECTION TAG :V3550 SS			

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1688

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	1	ENVIRONMENT DEM. QUALIF.	2	DOCUMENTATION ACTUAL	3	DOCUMENTATION DEM. QUALIF.	4	QUALIF. METHOD	5	H/M	6	OUTS ITEMS	7	
TAG NO : V3551 SS	OPERABIL-ITY NORM/TEST	40 YEARS + TEST + 180 DAYS POST		REF 1		FSAR TABLE 3.11-2		REF 1		COMB. TEST & EXTRA- POL'N		/ .		NONE		ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE	DBA	DBA														ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN		REF 1		TAB25A SL2-FSAR TABLE311-1 T393		REF 1		COMB. TEST & EXTRA- POL'N		H		NONE		REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)		REF 1		PAB25A SL2-FSAR TABLE311-1 P393		REF 1		COMB. TEST & EXTRA- POL'N		H		NONE		MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE																SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C9-3B	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H		REF 1		HAB25A SL2-FSAR TABLE311-1		REF 1		COMB. TEST & EXTRA- POL'N		/		NONE		NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. RE
FUNCT.DES: & SERVICE TAG INDICATED		43% DESIGN				H393				POL'N						
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY		REF 1		CAB25 SL2-FSAR TABLE311-1		REF 1		NOT APPLIC ABLE		M		NONE		MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5		REF 1		RAB25C1 SL2-FSAR TABLE311-1 R393		REF 1		COMB. TEST & EXTRA- POL'N		H		NONE		
SPECIFICATIONS: 324																
P.O #:422589 CWD # : 0236/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS		REF 1		10CFR50 PARA 50.51		REF 1		COMB. TEST & EXTRA- POL'N		/		NONE		SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB25																
COORDINATES X- 587.0 Y- 1509.0 Z- 20.0	SUBMERGED	NO AREA FLOODING		REF 1		SAB25 SL2-FSAR TABLE311-1		REF 1		NOT APPLIC ABLE		M		NONE		AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES																
INSTAL. REF: FV0487	PARA-METER	SUPPL. REVIEW		FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #												QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1														
**********	TEMPERATURE T	55.1														
QUALIF RETEST	PRESSURE P	55.1														
STATUS	REL. HUMDTY H	55.1														
********	CHEM. SPRAY C	55.1		REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982												
*	RADIATION R	55.1														
**********	AGING	55.1														
PHYS DWG REF: 2998G-393	SUBMERGENCE S	55.1														REVISION # :03
PHYS DWG LOC:																DATE :08/30/82
MOUNTING : NOT APPLICABLE																
EQ PACK # : 55.1	SAR ENV CAT: D															SYSTEM :SAFETY INJECTION
	0588 CATEG.: B															TAG :V3551 SS
	APPENDIX E															

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1689

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V3571	OPERABIL-ITY /NORM/TEST /DBA	40 YRS <500 CYCLS UP TO 180 DY POSTDBA	40 YRS +40000CYCL	SL2-FSAR TABLE311-2 OPER. REVIEW	PG 5-1 OF NOTE 2 P.4-7 OF NOTE 3	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 268/248F
COMPONENT: ISOLATION VALVE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM >SL2 DBA REQUIRMNTS	TRB15 SL2-FSAR TABLE311-1 T365	PG 4-21 OF NOTE 1 FIG.3 OF NOTE2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: FIG5,6 NOTE2 SRS#A3.2
MANUFACTURER: ASCO/NAMCO									MAINTAIN.:
MAJOR SUPPLIER : FISHER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM >SL2 DBA REQUIRMNTS	PRB15 SL2-FSAR TABLE311-1 P365	PG 4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	FIG5,6 NOTE2 SRS#A3.2 SUBCOMPONENTS:
MODEL AND SERIAL # : S :RFHV2023031	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	>90%	HRB15 SL2-FSAR TABLE311-1 H365	P.8-2 OF NOTE 1 P.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT. NOTE(1).ASCO REPT. AQS21678/TR REV.A
FUNCT.DES: & SERVICE HOT LEG LINE CHECK VALVE LEAK DRAIN VALVE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH9.5-10.0	CRB15 SL2-FSAR TABLE311-1 C365	P.4-4 OF NOTE 1 P.10-51 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	(2)NAMCO REPT. QTR 105 DATED 8/80. (3)CONAX MODULES INSTALLED PER FV0100.
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	2.0E8 TOTAL INTEGRATED DOSE	RRB15A SL2-FSAR TABLE311-1 R365	P.4-4 OF NOTE 1 P.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE
SPECIFICATIONS: 704									
P.O #: 303815 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 P.4-12 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB15									ESF
COORDINATES X- 665.0 Y- 1505.0 Z- 30.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	REF 3	SRB15 SL2-FSAR TABLE311-1 S365	REF 3	NOT APPLIC	H	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0489	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.2/9.2
QUALIF EXEMPTN: NOT APPLIC									
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	OPERABILITY	3.2/9.2							
	TEMPERATURE	T 3.2/9.2							
	PRESSURE	P 3.2/9.2							
	REL. HUMDTY	H 3.2/9.2							
	CHEM. SPRAY	C 3.2/9.2							
	RADIATION	R 3.2/9.2	REFERENCES: 1.IEEE323-74,382-72						3.
	AGING	3.2/9.2	2.REPLACE NON NP8300 SERIES SOLENOIDS.						
	SUBMERGENCE	S 3.2/9.2	3.INSTALLATNS FLD VRFD AT ABOVE FLOOD LEVEL ELEVATION						REVISION # :03 DATE :08/30/82
PHYS DWG REF: 2998G-365									
PHYS DWG LOC:									SYSTEM :SAFETY INJECTION
MOUNTING : NOT APPLICABLE									TAG :V3571
EQ PACK # : 3.2/9.2	SAR ENV CAT: A								
	0588 CATEG.: A								
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1690

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : V3572	OPERABIL-ITY	40 YRS <500 CYCLS UP TO 180 DY POSTDBA	40 YRS +40000CYCL	SL2-FSAR TABLE311-2 OPER. REVIEW	PG 5-1 OF NOTE 2 P.4-7 OF NOTE 3	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400 HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA								ACCEL TEMP: 268/248F
COMPONENT: ISOLATION VALVE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM >SL2 DBA REQUIRMNTS	TRB16 SL2-FSAR TABLE311-1 T366	PG 4-21 OF NOTE 1 FIG.3 OF NOTE2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: FIG5,6 NOTE2 SRS#A3.2
MANUFACTURER: ASCO/NAMCO									MAINTAIN.: FIG5,6 NOTE2 SRS#A3.2
MAJOR SUPPLIER : FISHER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM >SL2 DBA REQUIRMNTS	PRB16 SL2-FSAR TABLE311-1 P366	PG 4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: S:RFHV2023031 SERIAL # LS:EA17031100	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	>90%	HRB16 SL2-FSAR TABLE311-1 H366	P.8-2 OF NOTE 1 P.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT. NOTE(1).ASCO REPT. AQS21678/TR REV.A
FUNCT.DES: & SERVICE HPSI HOT LEG LINECHECK LEAK DRAIN VALVE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH9.5-10.0	CRB16 SL2-FSAR TABLE311-1 C366	P.4-4 OF NOTE 1 P.10-51 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	(2)NAMCO REPT. QTR 105 DATED 8/80. (3)CONAX MODULES INSTALLED PER FVO101
ACCUR. SPEC: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	2.0E8 TOTAL INTEGRATED DOSE	RRB16B SL2-FSAR TABLE311-1 R366	P.4-4 OF NOTE 1 P.4-4 OF NOTE 2	H	NONE	
ACCUR. DEM.: NOT APPLICABLE									
SPECIFICATIONS: 704	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 P.4-12 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
P.O #: 303815 CWD # : /									
PLANT LOC.: RB16									
COORDINATES X- 744.0 Y- 1500.0 Z- 50.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	REF 4	SRB16 SL2-FSAR TABLE311-1 S366	REF 4	NOT APPLIC	H	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FVO491									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.2/9.2
TEMPERATURE T	3.2/9.2
PRESSURE P	3.2/9.2
REL. HUMDTY H	3.2/9.2
CHEM. SPRAY C	3.2/9.2
RADIATION R	3.2/9.2
AGING	3.2/9.2
SUBMERGENCE S	3.2/9.2

QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION

PHYS DWG REF: 2998G-366
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.2/9.2

SAR ENV CAT: A
O588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1. IEEE323-74,382-72
2. REPLACE NON NP8300 SERIES SOLENOIDS.
3. REPLACE EA170 SER.LIMIT SW.
4. INSTALL.ABOVE FLOOD LVL

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.2/9.2

3

REVISION # : 03
DATE : 08/30/82

SYSTEM : SAFETY INJECTION
TAG : V3572

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1692

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V3614	OPERABIL-ITY	40 YEARS <500 CYCLS	40 YEARS >2000CYCLS	SL2-FSAR TBL 3.11-2	LIMTQ.RPT B0058 APP.	COMB. TEST &	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA	<30 MIN. POST DBA	>20 MIN. POST DBA	OPERATION REVIEW	C PP5,9,15 REF.1,2	EXTRA- POL'N			ACCEL TEMP: 180 C
COMPONENT: MOTOR OPERATED VALVE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	140F NORM ENVELOPES SL2 PROFLE	TRB15 SL2-FSAR TABLE311-1 T365	LIMTQ.RPT B0058 APP. C PP.13,28 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORPORATION	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	ENVELOPES SL2 REQUIR EMENTS	PRB15 SL2-FSAR TABLE311-1 P365	LIMTQ.RPT B0058 APP. C P.13 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : WESTINGHOUSE									SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND SERIAL #: SMB-2/222973	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	LIMTQ.RPT B0058 APP. C P18	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: & SERVICE SFTY INJECTION TANK 2B2 DISCH VALVE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH. 10.5	CRB15 SL2-FSAR TABLE311-1 C365	LMITQ.RPT B0058 APP. C PG.17 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE	R A D .	2 HR 12.0E6 3.0E5 30 D 12.9E7 2.1E6 1 YR 13.5E7 2.2E6 40YR/RW 16.0E4 2.5E5	2.04E8 T.I.D.	RRB15B SL2-FSAR TABLE311-1 R365	LIMTQ.RPT B0058 APP. C PG.6 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. DEM.: NOT APPLICABLE									
SPECIFICATIONS: 705									
P.O #: 401086 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS >2000CYCLS	10CFR50 PARA 50.51	LIMTQ.RPT B0058 APP. C PG.1 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: R815									
COORDINATES X- 723.0 Y- 1458.0 Z- 23.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	REF.2	SRB15 SL2-FSAR TABLE311-1 S365	LIMTQ.RPT.	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.9-9
INSTALLED (Y/N): YES INSTAL. REF: FV0493 QUALIF EXEMPTN: NOT APPLIC	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	OPERABILITY	3.1							
	TEMPERATURE T	3.1							
	PRESSURE P	3.1							
	REL. HUMDTY H	3.1							
	CHEM. SPRAY C	3.1							
	RADIATION R	3.1	REFERENCES: 1)QUAL TO IEEE323-74,383-72, 101-72,117-74. 2)NO MOV IS REQUIRED TO FUNCTION DURING WORST CASE DBA 4 LNG TERM IN NRC-IN 81-29 NOT1. REVIEW ONGOING.						
	AGING	3.1							
	SUBMERGENCE S	3.1							
PHYS DWG REF: 2998G-365 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 3.1	SAR ENV CAT: A 10588 CATEG.: A APPENDIX E								REVISION # :03 DATE :08/30/82 SYSTEM :SAFETY INJECTION TAG :V3614

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1695

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V3624	OPERABILITY NORM/TEST DBA	40 YEARS <500 CYCLS <30 MIN. POST DBA	40 YEARS >2000CYCLS >20 MIN. POST DBA	SL2-FSAR TBL 3.11-2 OPERATION REVIEW	LIMTQ.RPT B0058 APP. C PP5,9,15 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 180 C
COMPONENT: MOTOR OPERATED VALVE	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	140F NORM ENVELOPES SL2 PROFLE	TRB15 SL2-FSAR TABLE311-1 T365	LIMTQ.RPT B0058 APP. C PP.13,28 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORPORATION									MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : WESTINGHOUSE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	ENVELOPES SL2 REQUIR EMENTS	PRB15 SL2-FSAR TABLE311-1 P365	LIMTQ.RPT B0058 APP. C P.13 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: SMB-2/222971	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	LIMTQ.RPT B0058 APP. C P18	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE SFTY INJECTION ON TANK 2A1 DISCH VALVE	CHEMICAL SPRAY	1720-2150 PPM B. 50- 65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH. 10.5	CRB15 SL2-FSAR TABLE311-1 C365	LMITQ.RPT B0058 APP. C PG.17 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.04E8 T.I.D.	RRB15B SL2-FSAR TABLE311-1 R365	LIMTQ.RPT B0058 APP. C PG.6 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 705									
P.O #: 401086 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS >2000CYCLS	10CFR50 PARA 50.51	LIMTQ.RPT B0058 APP. C PG.1 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB15									ESF
COORDINATES X- 743.0 Y- 1505.0 Z- 20.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	REF.2	SRB15 SL2-FSAR TABLE311-1 S365	LIMTQ.RPT. 	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.9-9
INSTALLED (Y/N): YES									
INSTAL. REF: FV0495									

QUALIF EXEMPTN: NOT APPLIC

PARA-METER	SUPPL. REVIEW
OPERABILITY	3.1
TEMPERATURE T	3.1
PRESSURE P	3.1
REL. HUMDTY H	3.1
CHEM. SPRAY C	3.1
RADIATION R	3.1
AGING	3.1
SUBMERGENCE S	3.1

QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.1

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)QUAL TO IEEE323-74,383-72, 101-72,117-74. 2)NO MOV IS REQUIRED TO FUNCTION DURING WORST CASE DBA 4 LNG TERM IN NRC-IN 81-29 NOT1. REVIEW ONGOING.

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1

REVISION # :03
DATE :08/30/82

SYSTEM :SAFETY INJECTION
TAG :V3624

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1697

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V3634	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / <500 CYCLS / <30 MIN. / POST DBA	40 YEARS / >2000CYCLS / >20 MIN. / POST DBA	SL2-FSAR / TBL 3.11-2 / OPERATION / REVIEW	LIMTQ.RPT / B0058 APP. / C PP5,9,15 / REF.1,2	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 180 C
COMPONENT: MOTOR OPERATED VALVE	TEMPERAT-URE	115F NORM / FIG. 10 / (ACC. DBA) / 119FDESIGN	140F NORM / ENVELOPES / SL2 PROFLE	TRB15 / SL2-FSAR / TABLE311-1 / T365	LIMTQ.RPT / B0058 APP. / C PP.13,28 / REF.1,2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORPORATION	PRESSURE	OPSIG NORM / FIG. 9 / (ACC. DBA)	ENVELOPES / SL2 REQUIR / EMENTS	PRB15 / SL2-FSAR / TABLE311-1 / P365	LIMTQ.RPT / B0058 APP. / C P.13 / REF.1,2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : WESTINGHOUSE									SUBCOMPONENTS:
MODEL AND SERIAL # : SMB-2/22970	RELATIVE HUMIDITY	45 TO 100% / 100% / (ACC. DBA)	100%	HRB15 / SL2-FSAR / TABLE311-1 / H365	LIMTQ.RPT / B0058 APP. / C P18	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE SFTY INJECTION TANK 2B1 DISCH VALVE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH. 10.5	CRB15 / SL2-FSAR / TABLE311-1 / C365	LMITQ.RPT / B0058 APP. / C PG.17 / REF.1,2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.04E8 T.I.D.	RRB15B / SL2-FSAR / TABLE311-1 / R365	LIMTQ.RPT / B0058 APP. / C PG.6 / REF.1,2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
SPECIFICATIONS: 705									
P.O #: 401086 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS >2000CYCLS	10CFR50 PARA 50.51	LIMTQ.RPT / B0058 APP. / C PG.1 / REF.1,2	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB15									ESF
COORDINATES X- 640.0 Y- 1522.0 Z- 21.0	SUBMERGED	26.0 FT MAXIMUM / FIG. 11 / (ACC.DBA)	REF.2	SRB15 / SL2-FSAR / TABLE311-1 / S365	LIMTQ.RPT.	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: 3.9-9
INSTALLED (Y/N): YES									
INSTAL. REF: FV0497	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE	T 3.1							
	PRESSURE	P 3.1							
	REL. HUMDTY	H 3.1							
	CHEM. SPRAY	C 3.1							
	RADIATION	R 3.1	REFERENCES: 1)QUAL TO IEEE323-74,383-72, 101-72,117-74. 2)NO MOV IS REQUIRED TO FUNCTION DURING WORST CASE DBA 4 LNG TERM IN NRC-IN 81-29 NOT1. REVIEW ONGOING.						
PHYS DWG REF: 2998G-365	AGING	3.1							
PHYS DWG LOC:	SUBMERGENCE	S 3.1							REVISION # :03
MOUNTING : NOT APPLICABLE									DATE :08/30/82
EQ PACK # : 3.1	SAR ENV CAT: A								SYSTEM :SAFETY INJECTION
	0588 CATEG.: A								TAG :V3634
	APPENDIX E								

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1700

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : V3644	OPERABIL-ITY	40 YEARS <500 CYCLS	40 YEARS >2000CYCLS	SL2-FSAR TBL 3.11-2	LIMTQ.RPT IB0058 APP.	COMB. TEST &	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA	<30 MIN. POST DBA	>20 MIN. POST DBA	OPERATION REVIEW	IC PP5,9,15 REF.1,2	EXTRA- POL'N			ACCEL TEMP: 180 C
COMPONENT: MOTOR OPERATED VALVE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	ENVELOPES SL2 PROFLE	TRB15 SL2-FSAR TABLE311-1 T365	IB0058 APP. IC PP.13,28 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORPORATION	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	ENVELOPES SL2 REQUIR EMENTS	PRB15 SL2-FSAR TABLE311-1 P365	LIMTQ.RPT IB0058 APP. IC P.13 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR : WESTINGHOUSE SUPPLIER									SUBCOMPONENTS:
MODEL AND: SMB-2/222972 SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	LIMTQ.RPT IB0058 APP. IC P18	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: SFTY INJECTION & SERVICE TANK 2A2 DISCH VALVE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM BORON PH. 10.5	CRB15 SL2-FSAR TABLE311-1 C365	LMITQ.RPT IB0058 APP. IC PG.17 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.04E8 T.I.D.	RRB15B SL2-FSAR TABLE311-1 R365	LIMTQ.RPT IB0058 APP. IC PG.6 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. DEM.: NOT APPLICABLE									
SPECIFICATIONS: 705									
P.O #: 401086 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS >2000CYCLS	10CFR50 PARA 50.51	LIMTQ.RPT IB0058 APP. IC PG.1 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB15									
COORDINATES X- 641.0 Y- 1466.0 Z- 23.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	REF.2	SRB15 SL2-FSAR TABLE311-1 S365	LIMTQ.RPT.	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.9-9
INSTALLED (Y/N): YES									
INSTAL. REF: FV0500	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #			QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1			
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
**********	TEMPERATURE T	3.1							
QUALIF QUALIFIED-FOR	PRESSURE P	3.1							
STATUS INTERIM OPERATION	REL. HUMDTY H	3.1							
********	CHEM. SPRAY C	3.1	REFERENCES: 1)QUAL TO IEEE323-74,383-72, 101-72,117-74. 2)NO MOV IS REQUIRED TO FUNCTION DURING WORST CASE DBA 4 LNG TERM IN NRC-IN 81-29 NOT1. REVIEW ONGOING.						3
*	RADIATION R	3.1							
**********	AGING	3.1							
PHYS DWG REF: 2998G-365	SUBMERGENCE S	3.1				REVISION # :03			
PHYS DWG LOC:						DATE :08/30/82			
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.1	SAR ENV CAT: A					SYSTEM :SAFETY INJECTION			
	0588 CATEG.: A					TAG :V3644			
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1702

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : V3651	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / <500 CYCLS / <30 MIN. / POST DBA	40 YEARS / >2000CYCLS / >20 MIN. / POST DBA	SL2-FSAR / TBL 3.11-2 / OPERATION / REVIEW	LIMTQ.RPT / B0058 APP. / C PP5,9,15 / REF.1,2	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 180 C
COMPONENT: MOTOR OPERATED VALVE	TEMPERAT-URE	115F NORM / FIG. 10 / (ACC. DBA) / 119FDESIGN	140F NORM / ENVELOPES / SL2 PROFLE	TRB15 / SL2-FSAR / TABLE311-1 / T365	LIMTQ.RPT / B0058 APP. / C PP.13,28 / REF.1,2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORPORATION	PRESSURE	OPSIG NORM / FIG. 9 / (ACC. DBA)	ENVELOPES / SL2 REQUIR / EMENTS	PRB15 / SL2-FSAR / TABLE311-1 / P365	LIMTQ.RPT / B0058 APP. / C P.13 / REF.1,2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER: WESTINGHOUSE									SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND SERIAL #: SMB-1/230246	RELATIVE HUMIDITY	45 TO 100% / 100% / (ACC. DBA)	100%	HRB15 / SL2-FSAR / TABLE311-1 / H365	LIMTQ.RPT / B0058 APP. / C P18	COMB. / TEST & / EXTRA- / POL'N	/	NONE	
FUNCT.DES: & SERVICE: SDC ISOL VALVE	CHEMICAL SPRAY	1720-2150 / PPM B. 50- / 65PPM HYDZ / PH 4.9-7.0	3000 PPM / BORON / PH. 10.5	CRB15 / SL2-FSAR / TABLE311-1 / C365	LMITQ.RPT / B0058 APP. / C PG.17 / REF.1,2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE	R A D .	2 HR 14.5E6 1.2E6 / 30 D 5.8E7 6.2E6 / 1 YR 6.8E7 7.6E6 / 40YR/RW 7.0E5 3.0E6	2.04E8 / T.I.D.	RRB15A / SL2-FSAR / TABLE311-1 / R365	LIMTQ.RPT / B0058 APP. / C PG.6 / REF.1,2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. DEM.: NOT APPLICABLE									
SPECIFICATIONS: 705									
P.O #: 401086 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS / >2000CYCLS	10CFR50 / PARA 50.51	LIMTQ.RPT / B0058 APP. / C PG.1 / REF.1,2	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB15									
COORDINATES X- 663.0 Y- 1491.0 Z- 30.0	SUBMERGED	26.0 FT / MAXIMUM / FIG. 11 / (ACC.DBA)	REF.2	SRB15 / SL2-FSAR / TABLE311-1 / S365	LIMTQ.RPT.	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: 3.9-9
INSTALLED (Y/N): YES									
INSTAL. REF: FV0503									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	3.1
TEMPERATURE T	3.1
PRESSURE P	3.1
REL. HUMDTY H	3.1
CHEM. SPRAY C	3.1
RADIATION R	3.1
AGING	3.1
SUBMERGENCE S	3.1
SAR ENV CAT: A	
0588 CATEG.: A	
APPENDIX E	

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)QUAL TO IEEE323-74,383-72, 101-72,117-74. 2)NO MOV IS REQUIRED TO FUNCTION DURING WORST CASE DBA 4 LNG TERM IN NRC-IN 81-29 NOT1. REVIEW ONGOING.

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1

REVISION # : 03
DATE : 08/30/82

SYSTEM : SAFETY INJECTION
TAG : V3651

****
QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION
****
*
****

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.1

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1704

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : V3652	OPERABIL-ITY	40 YEARS	40 YEARS	SL2-FSAR	LIMTQ.RPT	COMB.	/	NONE	ACCEL TIME:
		<500 CYCLS	>2000CYCLS	TBL 3.11-2	B0058 APP.	TEST &			100 HRS
	NORM/TEST	<30 MIN.	>20 MIN.	OPERATION	IC PP5,9,15	EXTRA-			
EQUIPMENT: VALVE OPERATORS	DBA	POST DBA	POST DBA	REVIEW	REF.1,2	POL'N			ACCEL TEMP:
TYPE									180 C
	TEMPERAT-URE	115F NORM	140F NORM	TRB15	LIMTQ.RPT	COMB.	H	NONE	
COMPONENT: MOTOR OPERATED VALVE		FIG. 10	ENVELOPES	SL2-FSAR	B0058 APP.	TEST &			REPLACEMENT:
		(ACC. DBA)	SL2 PROFLE	TABLE311-1	IC PP.13,28	EXTRA-			NOT
		119FDESIGN		T365	REF.1,2	POL'N			APPLICABLE
MANUFACTURER: LIMITORQUE CORPORATION	PRESSURE	OPSIG NORM	ENVELOPES	PRB15	LIMTQ.RPT	COMB.	H	NONE	MAINTAIN.:
		FIG. 9	SL2 REQUIR	SL2-FSAR	B0058 APP.	TEST &			NOT
		(ACC. DBA)	EMENTS	TABLE311-1	IC P.13	EXTRA-			APPLICABLE
MAJOR SUPPLIER : WESTINGHOUSE				P365	REF.1,2	POL'N			SUBCOMPONENTS:
MODEL AND SERIAL # : SMB-1/230239	RELATIVE HUMIDITY	45 TO 100%		HRB15	LIMTQ.RPT	COMB.	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
		100%	100%	SL2-FSAR	B0058 APP.	TEST &			
		(ACC. DBA)		TABLE311-1	IC P18	EXTRA-			
FUNCT.DES: SDC ISOL & SERVICE VALVE				H365		POL'N			
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ	3000 PPM BORON	CRB15	LMITQ.RPT	COMB.	H	NONE	
			PH. 10.5	SL2-FSAR	B0058 APP.	TEST &			
		PH 4.9-7.0		TABLE311-1	IC PG.17	EXTRA-			
ACCUR. SPEC: NOT APPLICABLE				C365	REF.1,2	POL'N			
	R	2 HR 4.5E6	1.2E6	2.04E8	RRB15A	LIMTQ.RPT	COMB.	H	NONE
ACCUR. DEM.: NOT APPLICABLE	A	30 D 5.8E7	6.2E6	T.I.D.	SL2-FSAR	B0058 APP.	TEST &		
	D	1 YR 6.8E7	7.6E6		TABLE311-1	IC PG.6	EXTRA-		
	.	40YR/RW 7.0E5	3.0E6		R365	REF.1,2	POL'N		
SPECIFICATIONS: 705									
P.O #: 401086 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS >2000CYCLS	10CFR50 PARA 50.51	LIMTQ.RPT B0058 APP. IC PG.1 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB15									ESF
COORDINATES X- 667.0 Y- 1497.0 Z- 34.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	REF.2	SRB15 SL2-FSAR TABLE311-1 S365	LIMTQ.RPT.	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.9-9
INSTALLED (Y/N): YES									
INSTAL. REF: FV0504	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR	TEMPERATURE T	3.1							
STATUS INTERIM OPERATION	PRESSURE P	3.1							
	REL. HUMDTY H	3.1							
	CHEM. SPRAY C	3.1	REFERENCES: 1)QUAL TO IEEE323-74,383-72, 101-72,117-74. 2)NO MOV IS REQUIRED TO FUNCTION DURING WORST CASE DBA 4 LNG TERM IN NRC-IN 81-29 NOT1. REVIEW ONGOING.						3
	RADIATION R	3.1							
PHYS DWG REF: 2998G-365	AGING	3.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	3.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.1	SAR ENV CAT: A								SYSTEM :SAFETY INJECTION
	0588 CATEG.: A								TAG :V3652
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1706

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : V3654	OPERABIL-ITY	40 YEARS <500 CYCLS	40 YEARS >2000CYCLS	SL2-FSAR TBL 3.11-2	LIMTQ.RPT B0058 APP.	COMB. TEST &	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA	<30 MIN. POST DBA	>20 MIN. POST DBA	OPERATION REVIEW	C PP5,9,15 REF.1,2	EXTRA- POL'N			ACCEL TEMP: 180 C
COMPONENT: MOTOR OPERATED VALVE	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	140F NORM ENVELOPES SL2 PROFLE	TAB24I SL2-FSAR TABLE311-1 T390	LIMTQ.RPT B0058 APP. C PP.13,28 REF.1,2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORPORATION	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ENVELOPES SL2 REQUIR EMENTS	PAB24 SL2-FSAR TABLE311-1 P390	LIMTQ.RPT B0058 APP. C P.13 REF.1,2	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : WESTINGHOUSE									SUBCOMPONENTS:
MODEL AND SERIAL # : SB-0 S/N 220886	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24I SL2-FSAR TABLE311-1 H390	LIMTQ.RPT B0058 APP. C P18	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: LTR & SERVICE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.04E8 T.I.D.	RAB24M SL2-FSAR TABLE311-1 R390	LIMTQ.RPT B0058 APP. C PG.6 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 705									
P.O #: 401086 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS >2000CYCLS	10CFR50 PARA 50.51	LIMTQ.RPT B0058 APP. C PG.1 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									ESF
COORDINATES X- 556.0 Y- 1505.0 Z- -1.0	SUBMERGED	-10.0 FT	REF.2	SAB24M SL2-FSAR TABLE311-1 S390	LIMTQ.RPT.	COMB. TEST & EXTRA- POL'N	M	NONE	AUTH. REFERENCE: 3.9-9
INSTALLED (Y/N): YES INSTAL. REF: FV0506 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.1
********** *QUALIF* QUALIFIED-FOR *STATUS* INTERIM OPERATION **********	OPERABILITY TEMPERATURE T PRESSURE P REL. HUMDTY H CHEM. SPRAY C	3.1 3.1 3.1 3.1							
	RADIATION R AGING SUBMERGENCE S	3.1 3.1 3.1	REFERENCES: 1)QUAL TO IEEE323-74,383-72, 101-72,117-74. 2)NO MOV IS REQUIRED TO FUNCTION DURING WORST CASE DBA 4 LNG TERM IN NRC-IN 81-29 NOT1. REVIEW ONGOING.						
PHYS DWG REF: 2998G-390 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 3.1	SAR ENV CAT: D 0588 CATEG.: A APPENDIX E								REVISION # :03 DATE :08/30/82 SYSTEM :SAFETY INJECTION TAG :V3654

3

A/E: EBASCO SERVICES INC.
UTILITY: FLORIDA POWER & LIGHT

FACILITY: ST. LUCIE NO. 2
COMPONENT EVALUATION SHEET

NSSS: COMBUSTION ENG. - PWR
CAPACITY: 890 MW(E)

REV#- 3
CES#-1707

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : V3654 SS	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/ .	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	REF 1	TAB24I SL2-FSAR TABLE311-1 T390	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1	PAB24 SL2-FSAR TABLE311-1 P390	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : B/M	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	REF 1	HAB24I SL2-FSAR TABLE311-1 H390	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB24 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	REF 1	RAB24M SL2-FSAR TABLE311-1 R390	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 324									
P.O #: 422589 CWD # : 0277/	AGE- INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24									
COORDINATES X- 569.0 Y- 1506.0 Z- -1.0	SUBMERGED	-10.0 FT	REF 1	SAB24M SL2-FSAR TABLE311-1 S390	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES INSTAL. REF: FV0507 QUALIF EXEMPTN: NOT EXEMPT	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 55.1
********** *QUALIF* RETEST *STATUS* ******** * **********	OPERABILITY TEMPERATURE T PRESSURE P REL. HUMDTY H CHEM. SPRAY C RADIATION R AGING SUBMERGENCE S	55.1 55.1 55.1 55.1 55.1 55.1 55.1 55.1	REFERENCES: 1) VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK. VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT. 30, 1982						
PHYS DWG REF: 2998G-390 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 55.1	SAR ENV CAT: D 0588 CATEG.: B APPENDIX E								REVISION # : 03 DATE : 08/30/82 SYSTEM : SAFETY INJECTION TAG : V3654 SS

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1708

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V3656	OPERABIL-ITY /NORM/TEST./DBA	40 YEARS <500 CYCLS <30 MIN. POST DBA	40 YEARS >2000CYCLS >20 MIN. POST DBA	SL2-FSAR TBL 3.11-2 OPERATION REVIEW	LIMTQ.RPT B0058 APP. C PP5.9,15 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS									ACCEL TEMP:
TYPE									180 C
COMPONENT: MOTOR OPERATED VALVE	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	140F NORM ENVELOPES SL2 PROFLE	TAB24I SL2-FSAR TABLE311-1 T390	LIMTQ.RPT B0058 APP. C PP.13,28 REF.1,2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORPORATION									MAINTAIN.:
	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ENVELOPES SL2 REQUIR EMENTS	PAB24 SL2-FSAR TABLE311-1 P390	LIMTQ.RPT B0058 APP. C P.13 REF.1,2	COMB. TEST & EXTRA- POL'N	M	NONE	NOT APPLICABLE
MAJOR SUPPLIER : WESTINGHOUSE									SUBCOMPONENTS:
MODEL AND: SB-0/255148 SERIAL #	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24I SL2-FSAR TABLE311-1 H390	LIMTQ.RPT B0058 APP. C P18	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES & SERVICE									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.04E8 T.I.D.	RAB24M SL2-FSAR TABLE311-1 R390	LIMTQ.RPT B0058 APP. C PG.6 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 705									
P.O #: 401086 CWD # : 0279/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS >2000CYCLS	10CFR50 PARA 50.51	LIMTQ.RPT B0058 APP. C PG.1 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									ESF
COORDINATES X- 580.0 Y- 1505.0 Z- -1.0	SUBMERGED	-10.0 FT	REF.2	SAB24M SL2-FSAR TABLE311-1 S390	LIMTQ.RPT.	COMB. TEST & EXTRA- POL'N	M	NONE	AUTH. REFERENCE: 3.9-9
INSTALLED (Y/N): YES INSTAL. REF: FV0508 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1
**********	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR	TEMPERATURE T	3.1							
STATUS INTERIM OPERATION	PRESSURE P	3.1							
********	REL. HUMDTY H	3.1							
*	CHEM. SPRAY C	3.1	REFERENCES: 1)QUAL TO IEEE323-74,383-72, 101-72,117-74. 2)NO MOV IS REQUIRED TO FUNCTION DURING WORST CASE DBA 4 LNG TERM IN NRC-IN 81-29 NOT1. REVIEW ONGOING.						
**********	RADIATION R	3.1							
PHYS DWG REF: 2998G-390	AGING	3.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	3.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.1	SAR ENV CAT: D 0588 CATEG.: A APPENDIX E								SYSTEM :SAFETY INJECTION TAG :V3656

3

A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: 890 MW(E) | CES#-1709

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV DEM. QUALIF.	DOCUMENTATION ACTUAL	DOC DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : V3656 PB	OPERABILITY NORM/TEST DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERATURE	85.5F NORM 112F 1200HR 104FDESIGN	REF 1	TAB24I SL2-FSAR TABLE311-1 T390	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1	PAB24 SL2-FSAR TABLE311-1 P390	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : B/M	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	REF 1	HAB24I SL2-FSAR TABLE311-1 H390	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. RE
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB24 SL2-FSAR TABLE311-1	REF 1	NOT APPLICABLE	M	NONE	MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS &
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	REF 1	RAB24M SL2-FSAR TABLE311-1 R390	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MOV'S PRIMARILY FOR MAIN. & TEST.
SPECIFICATIONS: 324									
P.O #: 422589 CWD # : 0279/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24									
COORDINATES X- 585.0 Y- 1502.0 Z- 5.0	SUBMERGED	-10.0 FT	REF 1	SAB24M SL2-FSAR TABLE311-1 S390	REF 1	NOT APPLICABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): NO									
INSTAL. REF: FV0239	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	55.1							
	PRESSURE P	55.1							
	REL. HUMDTY H	55.1							
	CHEM. SPRAY C	55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
	RADIATION R	55.1							
	AGING	55.1							
	SUBMERGENCE S	55.1							
PHYS DWG REF: 2998G-390	SAR ENV CAT: D								REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	0588 CATEG.: B								
MOUNTING : NOT APPLICABLE	APPENDIX E								SYSTEM :SAFETY INJECTION
EQ PACK # : 55.1									TAG :V3656 PB

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1710

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : V3658	OPERABIL-ITY	40 YEARS <500 CYCLS	40 YEARS >2000CYCLS	SL2-FSAR TBL 3.11-2	LIMTQ.RPT B0058 APP.	COMB. TEST &	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA	<30 MIN. POST DBA	>20 MIN. POST DBA	OPERATION REVIEW	C PP5,9,15 REF.1,2	EXTRA- POL'N			ACCEL TEMP: 180 C
COMPONENT: MOTOR OPERATED VALVE	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	140F NORM ENVELOPES SL2 PROFLE	TAB24I SL2-FSAR TABLE311-1 T390	LIMTQ.RPT B0058 APP. C PP.13,28 REF.1,2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORPORATION	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ENVELOPES SL2 REQUIR EMENTS	PAB24 SL2-FSAR TABLE311-1 P390	LIMTQ.RPT B0058 APP. C P.13 REF.1,2	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : WESTINGHOUSE									SUBCOMPONENTS:
MODEL AND SERIAL # : SB-0/224145	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24I SL2-FSAR TABLE311-1 H390	LIMTQ.RPT B0058 APP. C P18	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: SDC HX ISOL & SERVICE									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.04E8 T.I.D.	RAB24M SL2-FSAR TABLE311-1 R390	LIMTQ.RPT B0058 APP. C PG.6 REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 705									
P.O #: 401086 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS >2000CYCLS	10CFR50 PARA 50.51	LIMTQ.RPT B0058 APP. C PG.1 REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									ESF
COORDINATES X- 556.0 Y- 1468.0 Z- -1.0	SUBMERGED	-10.0 FT	REF.2	SAB24M SL2-FSAR TABLE311-1 S390	LIMTQ.RPT. .	COMB. TEST & EXTRA- POL'N	M	NONE	AUTH. REFERENCE: 3.9-9
INSTALLED (Y/N): YES									
INSTAL. REF: FV0510	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1
QUALIF EXEMPTN: NOT APPLIC									
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	OPERABILITY	3.1							
	TEMPERATURE	T 3.1							
	PRESSURE	P 3.1							
	REL. HUMDTY	H 3.1							
	CHEM. SPRAY	C 3.1							
	RADIATION	R 3.1	REFERENCES: 1)QUAL TO IEEE323-74,383-72, 101-72,117-74. 2)NO MOV IS REQUIRED TO FUNCTION DURING WORST CASE DBA 4 LNG TERM IN NRC-IN 81-29 NOT1. REVIEW ONGOING.						
PHYS DWG REF: 2998G-390	AGING	3.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 3.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									SYSTEM :SAFETY INJECTION
EQ PACK # : 3.1	SAR ENV CAT: D 10588 CATEG.: A APPENDIX E								TAG :V3558

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1711

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : V3658 SS	OPERABIL-ITY NORM/TEST	40 YEARS + TEST + 180 DAYS POST	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE	DBA	DBA							ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	REF 1	TAB24I SL2-FSAR TABLE311-1 T390	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1	PAB24 SL2-FSAR TABLE311-1 P390	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C9-3A	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	REF 1	HAB24I SL2-FSAR TABLE311-1 H390	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. RE
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB24 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS &
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	REF 1	RAB24M SL2-FSAR TABLE311-1 R390	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MOV'S PRIMARILY FOR MAIN. & TEST.
SPECIFICATIONS: 324									
P.O #: 422589 CWD # : 1507/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24									
COORDINATES X- 558.0 Y- 1463.0 Z- 5.0	SUBMERGED	-10.0 FT	REF 1	SAB24M SL2-FSAR TABLE311-1 S390	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF: FV0511	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1							
QUALIF RETEST	TEMPERATURE T	55.1							
STATUS	PRESSURE P	55.1							
********	REL. HUMDTY H	55.1							
*	CHEM. SPRAY C	55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
	RADIATION R	55.1							
PHYS DWG REF: 2998G-390	AGING	55.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	55.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 55.1	SAR ENV CAT: D								SYSTEM :SAFETY INJECTION
	0588 CATEG.: B								TAG :V3658 SS
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1712

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V3659	OPERABIL-ITY /NORM/TEST /DBA	40 YRS <500 CYCLS UP TO 180 DY POSTDBA	40 YRS 2000 CYCLS >200 DAYS POST DBA	SL2-FSAR TABLE311-2 OPER. REVIEW	LIMITRQ RP T B0058 P. 16,131 APP ID REF1,2	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TAB24I SL2-FSAR TABLE311-1 T390	LMTRQ REPT B0058 APP. ID P.5 REF 1,2	COMB. TEST & EXTRA-POL'N	M	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP									MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : WESTINGHOUSE	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PAB24 SL2-FSAR TABLE311-1 P390	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA-POL'N	M	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: SMB-00/41303	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24I SL2-FSAR TABLE311-1 H390	LMTRQ REPT B0058 APP. ID P.1 REF 1,2	COMB. TEST & EXTRA-POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT.
FUNCT.DES: & SERVICE: SI PUMP RECIR-CULATION CLOSE (RAS)	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.04E8 TOTAL INTEGRATED DOSE	RAB24M SL2-FSAR TABLE311-1 R390	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1,2	COMB. TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS: 705									
P.O #: 401086 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1,2	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									ESF
COORDINATES X- 573.0 Y- 1513.0 Z- -1.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES INSTAL. REF: FV0512 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1
********** *QUALIF* QUALIFIED-FOR *STATUS* INTERIM OPERATION ********* * **********	OPERABILITY TEMPERATURE T PRESSURE P REL. HUMDTY H CHEM. SPRAY C RADIATION R AGING SUBMERGENCE S	3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1	REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA.						3
PHYS DWG REF: 2998G-390 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 3.1	SAR ENV CAT: D 0588 CATEG.: A APPENDIX E								REVISION # :03 DATE :08/30/82 SYSTEM :SAFETY INJECTION TAG :V3659

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1713

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	DEM. QUALIF. 2	DOCUMENTATION ACTUAL	DEM. QUALIF. 4	QUALIF. METHOD 5	H/M 6	OUTS ITEMS 7	
TAG NO : V3659 SS	OPERABIL-ITY NORM/TEST DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERATURE	85.5F NORM 112F1200HR 104FDESIGN	REF 1	TAB24I SL2-FSAR TABLE311-1 T390	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1	PAB24 SL2-FSAR TABLE311-1 P390	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL #: B/M C8-5	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	REF 1	HAB24I SL2-FSAR TABLE311-1 H390	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB24 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 240 4.0E4 30 D 2.8E5 2.2E5 1 YR 4.2F5 3.1E5 40YR/RW 1.0E4 2.0E5	REF 1	RAB24M SL2-FSAR TABLE311-1 R390	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 324									
P.O #: 422589 CWD # : 0244/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24									
COORDINATES X- 584.0 Y- 1501.0 Z- 5.0	SUBMERGED	-10.0 FT	REF 1	SAB24M SL2-FSAR TABLE311-1 S390	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF: FV0513	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1							
**********	TEMPERATURE T	55.1							
QUALIF RETEST	PRESSURE P	55.1							
STATUS	REL. HUMDTY H	55.1							
********	CHEM. SPRAY C	55.1							
*	RADIATION R	55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK. VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
**********	AGING	55.1							
PHYS DWG REF: 2998G-390	SUBMERGENCE S	55.1							REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : NOT APPLICABLE	SAR ENV CAT: D								SYSTEM :SAFETY INJECTION
EQ PACK # : 55.1	0588 CATEG.: B								TAG :V3659 SS
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1714

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V3660	OPERABIL-ITY	40 YRS	40 YRS	SL2-FSAR	LIMITRQ RP	COMB.	/	NONE	ACCEL TIME:
		<500 CYCLS	2000 CYCLS	TABLE311-2	T B0058 P.	TEST &			100 HRS
	NORM/TEST	UP TO 180	>200 DAYS	OPER.	16,131 APP	EXTRA-			
EQUIPMENT: VALVE OPERATORS	DBA	DY POSTDBA	POST DBA	REVIEW	D REF1,2	POL'N			ACCEL TEMP:
TYPE									180C
	TEMPERAT-URE	85.5F NORM	140F NORM	TAB24I	LMTRQ REPT	COMB.	M	NONE	
COMPONENT: MOTOR OPERATED VALVES			250F>24HR	SL2-FSAR	B0058 APP.	TEST &			REPLACEMENT:
		112F1200HR	FIG.1 OF	TABLE311-1	D P.5	EXTRA-			NOT
		104FDESIGN	REPT.	T390	REF 1,2	POL'N			APPLICABLE
MANUFACTURER: LIMITORQUE CORP									MAINTAIN.:
	PRESSURE	ATMOS NORM	OPSIG NORM	PAB24	LMTRQ REPT	COMB.	M	NONE	NOT
		OPSIG	25 PSIG	SL2-FSAR	B0058 APP.	TEST &			APPLICABLE
MAJOR SUPPLIER : WESTINGHOUSE		(ACC. DBA)	FIG. 1 OF	TABLE311-1	D P.1	EXTRA-			SUBCOMPONENTS:
			REPT.	P390	REF 1,2	POL'N			
									NO UNIQUE TAGGED
MODEL AND SERIAL #: SMB-00	RELATIVE HUMIDITY	70.0% NORM	100%	HAB24I	LMTRQ REPT	COMB.	/	NONE	SUBCOMPONENTS ARE
				SL2-FSAR	B0058 APP.	TEST &			ENVELOPED BY THIS
		72.0%1200H		TABLE311-1	D P.1	EXTRA-			EQUIPMENT.
FUNCT.DES: SI PUMP RECIR-		50% DESIGN		H390	REF 1,2	POL'N			
& SERVICE CULATION CLOSE (RAS)	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
	R 2 HR	240 4.0E4	2.04E8	RAB24M	LMTRQ REPT	COMB.	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	A 30 D	2.8E5 2.2E5	TOTAL	SL2-FSAR	B0058P.16,	TEST &			
	D 1 YR	4.2E5 3.1E5	INTEGRATED	TABLE311-1	17APP.DP.2	EXTRA-			
	. 40YR/RW	1.0E4 2.0E5	DOSE	R390	REF 1,2	POL'N			
SPECIFICATIONS: 110									
	AGE-	40 YRS	40 YRS	10CFR50	LMTRQ REPT	COMB.	/	NONE	SAFETY FUNCTION:
P.O #: 422550 CWD # : /	INST LIFE (PER 323-1974 DEF.)		2000 CYCLS	PARA 50.51	B0058P.31, 16,APP.D P 15 REF 1,2	TEST & EXTRA- POL'N			ESF
PLANT LOC.: AB24									
	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	N/A	M	NONE	
COORDINATES X- 552.0									
Y- 1538.0									AUTH. REFERENCE:
Z- -1.0									3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0514	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
**********	TEMPERATURE T	3.1							
QUALIF QUALIFIED-FOR	PRESSURE P	3.1							
STATUS INTERIM OPERATION	REL. HUMDTY H	3.1							
********	CHEM. SPRAY C	3.1							
*	RADIATION R	3.1	REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74. 2.FOR CONSERVATISM ASSUME THAT VALVE MUST OPERATE UP TO 180 DAYS POST DBA.						
**********	AGING	3.1							
PHYS DWG REF: 2998G-390	SUBMERGENCE S	3.1							REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : NOT APPLICABLE	SAR ENV CAT: D								
EQ PACK # : 3.1	0588 CATEG.: A								SYSTEM :SAFETY INJECTION
	APPENDIX E								TAG :V3660

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1715

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM.	ENV. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM.	DOC. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : V3660 SS	OPERABIL-ITY NORM/TEST	40 YEARS + TEST + 180 DAYS POST DBA	REF 1		FSAR TABLE 3.11-2	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE		DBA									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	REF 1		TAB24I SL2-FSAR TABLE311-1 T390	REF 1		COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1		PAB24 SL2-FSAR TABLE311-1 P390	REF 1		COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE											SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C9-1E	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	REF 1		HAB24I SL2-FSAR TABLE311-1 H390	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED											
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1		CAB24 SL2-FSAR TABLE311-1	REF 1		NOT APPLICABLE	M	NONE	
ACCUR. SPEC: NOT APPLICABLE											
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	REF 1		RAB24M SL2-FSAR TABLE311-1 R390	REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 324											
P.O #: 422589 CWD # : 0245/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1		10CFR50 PARA 50.51	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB24											
COORDINATES X- 554.0 Y- 1539.0 Z- 5.0	SUBMERGED	-10.0 FT	REF 1		SAB24M SL2-FSAR TABLE311-1 S390	REF 1		NOT APPLICABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES											
INSTAL. REF: FV0515	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #								QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1									
**********	TEMPERATURE T	55.1									
QUALIF RETEST	PRESSURE P	55.1									
STATUS	REL. HUMDTY H	55.1									
********	CHEM. SPRAY C	55.1									
*	RADIATION R	55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982								
**********	AGING	55.1									
PHYS DWG REF: 2998G-390	SUBMERGENCE S	55.1									REVISION # :03
PHYS DWG LOC:											DATE :08/30/82
MOUNTING : NOT APPLICABLE											
EQ PACK # : 55.1	SAR ENV CAT: D										SYSTEM :SAFETY INJECTION
	0588 CATEG.: B										TAG :V3660 SS
	APPENDIX E										

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1716

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : V3664	OPERABIL-ITY /NORM/TEST /DBA	40 YRS <500 CYCLS <30 MIN POSTDBA	40 YRS 2000 CYCLS 2 HOURS POST DBA	SL2-FSAR TABLE311-2 OPER. REVIEW	LIMITRQ RP T B0058 P. 16,131 APP ID REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT TYPE: VALVE OPERATORS									ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TAB25A SL2-FSAR TABLE311-1 T393	LMTRQ REPT B0058 APP. ID P.5 ID REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP									MAINTAIN.:
MAJOR SUPPLIER : WESTINGHOUSE	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PAB25A SL2-FSAR TABLE311-1 P393	LMTRQ REPT B0058 APP. ID P.1 ID REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND SERIAL #: SB-O	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	100%	HAB25A SL2-FSAR TABLE311-1 H393	LMTRQ REPT B0058 APP. ID P.1 REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT.
FUNCT.DES: & SERVICE: SDC ISOL VALVE									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 370 1.0E5 30 D 4.0E5 5.2E5 1 YR 6.1E5 7.3E5 1.0E4 5.0E5	2.04E8 TOTAL INTEGRATED DOSE	RAB25C1 SL2-FSAR TABLE311-1 R393	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS: 705									
P.O #: 401086 CWD # : 1502/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB25									ESF
COORDINATES X- 590.0 Y- 1522.0 Z- 20.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES									
INSTAL. REF: FV0517	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR	TEMPERATURE	T 3.1							
STATUS INTERIM OPERATION	PRESSURE	P 3.1							
	REL. HUMDTY	H 3.1							
	CHEM. SPRAY	C 3.1		REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74					
	RADIATION	R 3.1							3
PHYS DWG REF: 2998G-393	AGING	3.1							REVISION # : 03
PHYS DWG LOC:	SUBMERGENCE	S 3.1							DATE : 08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.1	SAR ENV CAT: D								SYSTEM : SAFETY INJECTION
	0588 CATEG.: A								TAG : V3664
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1717

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM.	ENV. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM.	DOC. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : V3664 SS	OPERABIL-ITY NORM/TEST	40 YEARS + TEST + 180 DAYS POST		REF 1	FSAR TABLE 3.11-2		REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE	DBA	DBA									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN		REF 1	TAB25A SL2-FSAR TABLE311-1 T393		REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)		REF 1	PAB25A SL2-FSAR TABLE311-1 P393		REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE											SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C9-3B	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN		REF 1	HAB25A SL2-FSAR TABLE311-1 H393		REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. RE
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED											
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY		REF 1	CAB25 SL2-FSAR TABLE311-1		REF 1	NOT APPLIC ABLE	M	NONE	MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5		REF 1	RAB25C1 SL2-FSAR TABLE311-1 R393		REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:324											
P.O #:422589 CWD # : 1502/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS		REF 1	10CFR50 PARA 50.51		REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB25											
COORDINATES X- 587.0 Y- 1495.0 Z- 20.0	SUBMERGED	NO AREA FLOODING		REF 1	SAB25 SL2-FSAR TABLE311-1		REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES											
INSTAL. REF:FV0516	PARA-METER	SUPPL. REVIEW									
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1									
QUALIF. RETEST *STATUS*	TEMPERATURE	T 55.1									
	PRESSURE	P 55.1									
	REL. HUMDTY	H 55.1									
	CHEM. SPRAY	C 55.1									
	RADIATION	R 55.1									
PHYS DWG REF: 2998G-393	AGING	55.1									
PHYS DWG LOC:	SUBMERGENCE	S 55.1									
MOUNTING : NOT APPLICABLE											
EQ PACK # : 55.1	SAR ENV CAT: D										
	0588 CATEG.: B										
	APPENDIX E										

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1

REVISION # :03
DATE :08/30/82

SYSTEM :SAFETY INJECTION
TAG :V3664 SS

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1718

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V3665	OPERABIL-ITY	40 YRS <500 CYCLS	40 YRS 2000 CYCLS	SL2-FSAR TABLE311-2	LIMITRQ RP T B0058 P.	COMB. TEST &	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA	<30 MIN .POSTDBA	2 HOURS POST DBA	OPER. REVIEW	16,131 APP ID REF 1	EXTRA- POL'N			ACCEL TEMP: 180C
COMPONENT: MOTOR OPERATED VALVES	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	140F NORM 250F>24HR FIG.1 OF REPT.	TAB25C SL2-FSAR TABLE311-1 T393	LMTRQ REPT B0058 APP. ID P.5 ID REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: LIMITORQUE CORP									MAINTAIN.: NOT APPLICABLE
MAJOR : WESTINGHOUSE SUPPLIER	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	OPSIG NORM 25 PSIG FIG. 1 OF REPT.	PAB25C SL2-FSAR TABLE311-1 P393	LMTRQ REPT B0058 APP. ID P.1 ID REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: SB-0/267838	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	100%	HAB25C SL2-FSAR TABLE311-1 H393	LMTRQ REPT B0058 APP. ID P.1 REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT.
FUNCT.DES: & SERVICE SDC ISOL VALVE									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	2.04E8 TOTAL INTEGRATED DOSE	RAB25C SL2-FSAR TABLE311-1 R393	LMTRQ REPT B0058P.16, 17APP.DP.2 REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 705									
P.O #: 401086 CWD # : 1503/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS 2000 CYCLS	10CFR50 PARA 50.51	LMTRQ REPT B0058P.31, 16,APP.D P 15 REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB25									ESF
COORDINATES X- 603.0 Y- 1517.0 Z- 20.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	N/A	/	NONE	AUTH. REFERENCE: 3.9-10
INSTALLED (Y/N): YES INSTAL. REF: FV0519 QUALIF EXEMPTN: NOT APPLIC	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.1
**********	OPERABILITY	3.1							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE T PRESSURE P REL. HUMDTY H CHEM. SPRAY C	3.1 3.1 3.1 3.1							
**********	RADIATION R	3.1	REFERENCES: 1.QUAL. TO IEEE323-74,382-72, 101-74,117-74						
PHYS DWG REF: 2998G-393 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 3.1	AGING SUBMERGENCE SAR ENV CAT: D 0588 CATEG.: A APPENDIX E	3.1 3.1							REVISION # :03 DATE :08/30/82 SYSTEM :SAFETY INJECTION TAG :V3665

3

A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: 890 MW(E) | CES#-1719

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : V3665 SS	OPERABIL-ITY	40 YEARS + TEST + 180 DAYS POST	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE	NORM/TEST DBA	DBA							ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	REF 1	TAB25A SL2-FSAR TABLE311-1 T393	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	REF 1	PAB25A SL2-FSAR TABLE311-1 P393	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C9-3B	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	REF 1	HAB25A SL2-FSAR TABLE311-1 H393	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB25 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 370 1.0E5 30 D 4.0E5 5.2E5 1 YR 6.1E5 7.3E5 40YR/RW 1.0E4 5.0E5	REF 1	RAB25C1 SL2-FSAR TABLE311-1 R393	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:324									
P.O #:422589 CWD # : 1503/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB25									
COORDINATES X- 587.0 Y- 1509.0 Z- 20.0	SUBMERGED	NO AREA FLOODING	REF 1	SAB25 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	
INSTALLED (Y/N): YES									AUTH. REFERENCE: 3.112
INSTAL. REF:FV0518	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1							
QUALIF RETEST *STATUS*	TEMPERATURE	T 55.1							
	PRESSURE	P 55.1							
	REL. HUMDTY	H 55.1							
	CHEM. SPRAY	C 55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
	RADIATION	R 55.1							
	AGING	55.1							
	SUBMERGENCE	S 55.1							
PHYS DWG REF: 2998G-393									REVISION # :03
PHYS DWG LOC:	SAR ENV CAT: D								DATE :08/30/82
MOUNTING : NOT APPLICABLE	0588 CATEG.: B								SYSTEM :SAFETY INJECTION
EQ PACK # : 55.1	APPENDIX E								TAG :V3665 SS

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1723

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM. QUALIF. (1)	DOCUMENTATION ACTUAL	DOC. DEM. QUALIF. (2)	QUALIF. METHOD (3)	H/M (4)	OUTS ITEMS (5)	
TAG NO : V5203 SS	OPERABILITY / NORM/TEST	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERATURE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	REF 1	TAB25A SL2-FSAR TABLE311-1 T393	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC									MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	REF 1	PAB25A SL2-FSAR TABLE311-1 P393	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: B/M C9-9	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	REF 1	HAB25A SL2-FSAR TABLE311-1 H393	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST. 3
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB25 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	REF 1	RAB25C1 SL2-FSAR TABLE311-1 R393	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:324									
P.O #:422589 CWD # : 0578/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB25									
COORDINATES X- 587.0 Y- 1521.0 Z- 20.0	SUBMERGED	NO AREA FLOODING	REF 1	SAB25 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF:FV0523	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1							
**********	TEMPERATURE T	55.1							
QUALIF RETEST	PRESSURE P	55.1							
STATUS	REL. HUMDTY H	55.1							
********	CHEM. SPRAY C	55.1							
*	RADIATION R	55.1							
**********	AGING	55.1							
PHYS DWG REF: 2998G-393	SUBMERGENCE S	55.1							
PHYS DWG LOC:									
MOUNTING : NOT APPLICABLE	SAR ENV CAT: D								
EQ PACK # : 55.1	0588 CATEG.: B								
	APPENDIX E								

REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982

REVISION # :03
DATE :08/30/82

SYSTEM :SAMPLING

TAG :V5203 SS

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1724

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V5204 SS	OPERABIL-ITY NORM/TEST	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE		DBA							ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERATURE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	REF 1	TAB25A SL2-FSAR TABLE311-1 T393	REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	REF 1	PAB25A SL2-FSAR TABLE311-1 P393	REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C9-9	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	REF 1	HAB25A SL2-FSAR TABLE311-1 H393	REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB25 SL2-FSAR TABLE311-1	REF 1	NOT APPLICABLE	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	REF 1	RAB25C1 SL2-FSAR TABLE311-1 R393	REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS:324									
P.O #:422589 CWD # : 0579/ PLANT LOC.: AB25	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA.50.51	REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
COORDINATES X- 587.0 Y- 1521.0 Z- 20.0	SUBMERGED	NO AREA FLOODING	REF 1	SAB25 SL2-FSAR TABLE311-1	REF 1	NOT APPLICABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES INSTAL. REF:FV0524 QUALIF EXEMPTN: NOT EXEMPT	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
********** *QUALIF* RETEST *STATUS* ******** * **********	OPERABILITY TEMPERATURE T PRESSURE P REL. HUMDTY H CHEM. SPRAY C RADIATION R AGING SUBMERGENCE S	55.1 55.1 55.1 55.1 55.1 55.1 55.1 55.1							
PHYS DWG REF: 2998G-393 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 55.1	SAR ENV CAT: D 0588 CATEG.: B APPENDIX E		REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						REVISION # :03 DATE :08/30/82 SYSTEM :SAMPLING TAG :V5204 SS

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1725

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM.	ENV. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM.	DOC. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : V5205 SS	OPERABIL-ITY	40 YEARS + TEST + 180 DAYS POST	REF 1		FSAR TABLE 3.11-2	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE	NORM/TEST DBA	DBA									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	REF 1		TAB25A SL2-FSAR TABLE311-1 T393	REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	REF 1		PAB25A SL2-FSAR TABLE311-1 P393	REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE											SUBCOMPONENTS:
MODEL AND SERIAL # : B/M C9-9	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	REF 1		HAB25A SL2-FSAR TABLE311-1 H393	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. RE
FUNCT.DES: & SERVICE TAG INDICATED	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1		CAB25 SL2-FSAR TABLE311-1	REF 1		NOT APPLIC ABLE	M	NONE	MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS &
ACCUR. SPEC: NOT APPLICABLE											
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	REF 1		RAB25C1 SL2-FSAR TABLE311-1 R393	REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	MOV'S PRIMARILY FOR MAIN. & TEST.
SPECIFICATIONS:324											
P.O #:422589 CWD # : 0580/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1		10CFR50 PARA 50.51	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB25											
COORDINATES X- 587.0 Y- 1521.0 Z- 20.0	SUBMERGED	NO AREA FLOODING	REF 1		SAB25 SL2-FSAR TABLE311-1	REF 1		NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES											
INSTAL. REF:FV0525	PARA-METER	SUPPL. REVIEW			FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT											
**********	OPERABILITY	55.1									
QUALIF RETEST	TEMPERATURE T	55.1									
STATUS	PRESSURE P	55.1									
********	REL. HUMDTY H	55.1									
*	CHEM. SPRAY C	55.1									
**********	RADIATION R	55.1			REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
PHYS DWG REF: 2998G-393	AGING	55.1									REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	55.1									DATE :08/30/82
MOUNTING : NOT APPLICABLE											
EQ PACK # : 55.1	SAR ENV CAT: D										SYSTEM :SAMPLING
	0588 CATEG.: B										
	APPENDIX E										TAG :V5205 SS

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1790

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV DEM. QUALIF.	DOCUMENTATION ACTUAL	DOC DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : 2HVE-10B PB	OPERABIL-ITY NORM/TEST DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	90.OF NORM 117F1200HR 109FDESIGN	REF 1	TAB27B SL2-FSAR TABLE311-1 T395	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1	PAB27 SL2-FSAR TABLE311-1 P394	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR : NOT APPLICABLE SUPPLIER									SUBCOMPONENTS:
MODEL AND: B/M C10-2A SERIAL #	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	REF 1	HAB27B SL2-FSAR TABLE311-1 H395	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. RE
FUNCT.DES: LCL CONTROL OF & SERVICE TAG INDICATED									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB27 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	REF 1	RAB27L SL2-FSAR TABLE311-1 R395	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 324									
P.O #:422589 CWD # : 0502/	AGE- INST LIFE (PER 323- 1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB27									
COORDINATES X- 545.0 Y- 1520.0 Z- 46.0	SUBMERGED	NO AREA FLOODING	REF 1	SAB27 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF: FV0283	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #			QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1			
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1							
**********	TEMPERATURE T	55.1							
QUALIF RETEST	PRESSURE P	55.1							
STATUS	REL. HUMDTY H	55.1							
********	CHEM. SPRAY C	55.1							
*	RADIATION R	55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						
**********	AGING	55.1							
PHYS DWG REF: 2998G-395	SUBMERGENCE S	55.1				REVISION # :03			
PHYS DWG LOC:						DATE :08/30/82			
MOUNTING : NOT APPLICABLE									
EQ PACK # : 55.1	SAR ENV CAT: D					SYSTEM :HEATING & VENTILATING			
	0588 CATEG.: B					TAG :2HVE-10B PB			
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1794

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM.	ENV. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM.	DOC. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2		3	4		5	6	7	
TAG NO : 2HVE-6A PB	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1		FSAR TABLE 3.11-2	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE											ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	90.OF NORM 117F1200HR 109FDESIGN	REF 1		TAB27B SL2-FSAR TABLE311-1 T395	REF 1		COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC											MAINTAIN.:
MAJOR : NOT APPLICABLE SUPPLIER	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1		PAB27 SL2-FSAR TABLE311-1 P394	REF 1		COMB. TEST & EXTRA- POL'N	M	NONE	REF 1 SUBCOMPONENTS:
MODEL AND: B/M SERIAL #	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	REF 1		HAB27B SL2-FSAR TABLE311-1 H395	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REV ISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. RE
FUNCT.DES: LCL CONTROL OF & SERVICE TAG INDICATED	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1		CAB27 SL2-FSAR TABLE311-1	REF 1		NOT APPLIC ABLE	M	NONE	MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL
ACCUR. SPEC: NOT APPLICABLE											CNTRL OF MOTORS &
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	REF 1		RAB27K SL2-FSAR TABLE311-1 R395	REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	MOV'S PRIMARILY FOR MAIN. & TEST.
SPECIFICATIONS: 324											
P.O #:422589 CWD # : 0513/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1		10CFR50 PARA 50.51	REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB27											
COORDINATES X- 571.0 Y- 1540.0 Z- 43.0	SUBMERGED	NO AREA FLOODING	REF 1		SAB27 SL2-FSAR TABLE311-1	REF 1		NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): NO											
INSTAL. REF: FV0284	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #								QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1									
**********	TEMPERATURE T	55.1									
QUALIF RETEST	PRESSURE P	55.1									
STATUS	REL. HUMDTY H	55.1									
********	CHEM. SPRAY C	55.1									
*	RADIATION R	55.1									
**********	AGING	55.1									
PHYS DWG REF: 2998G-395	SUBMERGENCE S	55.1									
PHYS DWG LOC:											
MOUNTING : NOT APPLICABLE	SAR ENV CAT: D										
EQ PACK # : 55.1	0588 CATEG.: B										
	APPENDIX E										

REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982

REVISION # :03
DATE : 08/30/82

SYSTEM :HEATING & VENTILATING
TAG :2HVE-6A PB

3

A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: 890 MW(E) | CES#-1795

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	1	ENVIRONMENT DEM. QUALIF.	2	DOCUMENTATION ACTUAL	3	DOCUMENTATION DEM. QUALIF.	4	QUALIF. METHOD	5	H/M	6	OUTS ITEMS	7	
TAG NO : 2HVE-6B PB	OPERABIL-ITY NORM/TEST	40 YEARS + TEST + 180 DAYS POST DBA	REF 1			FSAR TABLE 3.11-2		REF 1		COMB. TEST & EXTRA- POL'N		/		NONE		ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE		DBA														ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	90.OF NORM	REF 1			TAB27B SL2-FSAR TABLE311-1		REF 1		COMB. TEST & EXTRA- POL'N		M		NONE		REPLACEMENT: REF 1
		117F1200HR				T395										
		109FDESIGN														
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1			PAB27 SL2-FSAR TABLE311-1 P394		REF 1		COMB. TEST & EXTRA- POL'N		M		NONE		MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE																SUBCOMPONENTS:
MODEL AND SERIAL # : B/M	RELATIVE HUMIDITY	60.0% NORM	REF 1			HAB27B SL2-FSAR TABLE311-1		REF 1		COMB. TEST & EXTRA- POL'N		/		NONE		NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
		62.0%1200H				TABLE311-1										
FUNCT.DES & SERVICE: LCL CONTROL OF TAG INDICATED		39% DESIGN				H395										
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1			CAB27 SL2-FSAR TABLE311-1		REF 1		NOT APPLIC ABLE		M		NONE		
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	REF 1			RAB27K SL2-FSAR TABLE311-1 R395		REF 1		COMB. TEST & EXTRA- POL'N		H		NONE		
SPECIFICATIONS:324																
P.O #:422589 CWD # : 0516/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1			10CFR50 PARA 50.51		REF 1		COMB. TEST & EXTRA- POL'N		/		NONE		SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB27																
COORDINATES X- 571.0 Y- 1519.0 Z- 43.0	SUBMERGED	NO AREA FLOODING	REF 1			SAB27 SL2-FSAR TABLE311-1		REF 1		NOT APPLIC ABLE		M		NONE		AUTH. REFERENCE: 3.112
INSTALLED (Y/N): NO																
INSTAL. REF:FV0285	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #													QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT																
**********	OPERABILITY	55.1														
QUALIF RETEST	TEMPERATURE T	55.1														
STATUS	PRESSURE P	55.1														
*******	REL. HUMDTY H	55.1														
*	CHEM. SPRAY C	55.1														
**********	RADIATION R	55.1	REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982													
PHYS DWG REF: 2998G-395	AGING	55.1														
PHYS DWG LOC:	SUBMERGENCE S	55.1														
MOUNTING : NOT APPLICABLE																REVISION # :03
EQ PACK # : 55.1	SAR ENV CAT: D															DATE :08/30/82
	0588 CATEG.: B															
	APPENDIX E															SYSTEM :HEATING & VENTILATING
																TAG :2HVE-6B PB

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1796

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : 2HVE-9A	OPERABIL-ITY	<1000 HRS	>2000 HRS	SL2-FSAR	WESTNG'HSE	COMB.	/	NONE	ACCEL TIME:
				TBL 3.11-2	MM9112	TEST &			313.8 DAYS
	NORM/TEST	180 DAYS	>200 DAYS	OPER'BLTY	PG 10,11,9	EXTRA-			
EQUIPMENT: MOTORS	DBA	POST DBA	POST DBA	REVIEW	2 REF 1,2	POL'N			ACCEL TEMP:
TYPE									410F
	TEMPERAT-URE	90.0F NORM	122F NORM	TAB27B	WESTNG'HSE	COMB.	M	NONE	
COMPONENT: FAN MOTOR			CONT	SL2-FSAR	MM9112	TEST &			REPLACEMENT:
		117F1200HR		TABLE311-1	PG 9,3	EXTRA-			SEE INSTRUC.
		109FDESIGN		T395	REF 1,2	POL'N			MANUAL
MANUFACTURER:WESTINGHOUSE									MAINTAIN.:
	PRESSURE	ATMOS NORM	ATMOS NORM	PAB27	WESTNG'HSE	COMB.	M	NONE	SEE INSTRUC.
		OPSIG	AND	SL2-FSAR	MM9112	TEST &			MANUAL
MAJOR : BUFFALO FORGE		(ACC. DBA)	ACC DBA	TABLE311-1	PG 3,4	EXTRA-			SUBCOMPONENTS:
SUPPLIER				P394	REF 1,2	POL'N			
									NO UNIQUE TAGGED
MODEL AND: TBDP/7908	RELATIVE HUMIDITY	60.0% NORM	100%	HAB27B	WESTNG'HSE	COMB.	/	NONE	SUBCOMPONENTS ARE
SERIAL #				SL2-FSAR	MM9112	TEST &			ENVELOPED BY THIS
		62.0%1200H		TABLE311-1	PG 8,4,9	EXTRA-			EQUIPMENT
FUNCT.DES: ECCS AREA		39% DESIGN		H395	REF 1,2	POL'N			
& SERVICE EXHAUST FAN									NOTE:SYSTEM
	CHEMICAL SPRAY	AREA NOT SUBJECT TO	NOT APPLICABLE	CAB27 SL2-FSAR	NOT APPLICABLE	NOT APPLI-	M	NONE	FUNCTION DEFINED IN FSAR SECTION
		CHEMICAL		TABLE311-1		CABLE			9.4-3 AND FIGURE
ACCUR. SPEC: NOT APPLICABLE		SPRAY							9.4-6A
	R 2 HR	810 1.0E5		RAB27L	WESTNG'HSE	COMB.	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	A 30 D	7.4E5 6.6E6		SL2-FSAR	MM9112 PG3	TEST &			
	D 1 YR	1.1E6 6.6E6	2.0E8 RADS	TABLE311-1	APPENDIX B	EXTRA-			
	. 40YR/RW	2.0E4 6.6E6	TID	R395	REF 1,2	POL'N			
SPECIFICATIONS:780A									
	AGE-	40 YRS	40 YRS	10CFR50	WESTNG'HSE	COMB.	/	NONE	SAFETY FUNCTION:
P.O #:422679 CWD # : 0503/	INST LIFE (PER 323-			PARA 50.51	MM9112	TEST &			
					PG 10	EXTRA-			ESF
PLANT LOC.: AB27	1974 DEF.)				REF 1,2	POL'N			
COORDINATES X- 544.0	SUBMERGED	NO	NOT	SAB27	NOT	NOT	M	NONE	
Y- 1526.0		AREA	APPLICABLE	SL2-FSAR	APPLICABLE	APPLI-			
Z- 43.0		FLOODING		TABLE311-1		CABLE			AUTH. REFERENCE:
INSTALLED (Y/N): YES									7.3-2

PARAMETER	SUPPL. REVIEW
OPERABILITY	4.8
TEMPERATURE T	4.8
PRESSURE P	4.8
REL. HUMDTY H	4.8
CHEM. SPRAY C	4.8
RADIATION R	4.8
AGING	4.8
SUBMERGENCE S	4.8

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.QUALIFIED TO IEEE 323-74,334 -74,117-74

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:4.8

INSTAL. REF:FV0610
QUALIF EXEMPTN: NOT APPLIC
QUALIF QUALIFIED
STATUS
PHYS DWG REF: 2998G-395
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 4.8
SAR ENV CAT: D
0588 CATEG.: A
APPENDIX E

REVISION # :03
DATE :08/30/82

SYSTEM :ECCS VENTILATING
TAG :2HVE-9A

3

A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: 890 MW(E) | CES#-1797

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : 2HVE-9A PB	OPERABILITY NORM/TEST DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERATURE	90.0F NORM 117F 1200HR 109FDESIGN	REF 1	TAB27B SL2-FSAR TABLE311-1 T395	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1	PAB27 SL2-FSAR TABLE311-1 P394	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : B/M	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	REF 1	HAB27B SL2-FSAR TABLE311-1 H395	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO DEMONST. EQUIP. REMAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS & MOV'S PRIMARILY FOR MAIN. & TEST.
FUNCT.DES: & SERVICE LCL CONTROL OF TAG INDICATED									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB27 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	REF 1	RAB27L SL2-FSAR TABLE311-1 R395	REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:324									
P.O #:422589 CWD # : 0503/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB27									
COORDINATES X- 543.0 Y- 1523.0 Z- 43.0	SUBMERGED	NO AREA FLOODING	REF 1	SAB27 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): NO									
INSTAL. REF:FV0286	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	55.1							
**********	TEMPERATURE T	55.1							
QUALIF RETEST	PRESSURE P	55.1							
STATUS	REL. HUMDTY H	55.1							
********	CHEM. SPRAY C	55.1							
*	RADIATION R	55.1							
**********	AGING	55.1							
PHYS DWG REF: 2998G-395	SUBMERGENCE S	55.1							
PHYS DWG LOC:									
MOUNTING : NOT APPLICABLE	SAR ENV CAT: D		REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982						REVISION # :03 DATE :08/30/82
EQ PACK # : 55.1	0588 CATEG.: B								SYSTEM :HEATING & VENTILATING
	APPENDIX E								TAG :2HVE-9A PB

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1798

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : 2HVE-9B	OPERABILITY	<1000 HRS	>2000 HRS	SL2-FSAR	WESTNG'HSE	COMB.	/	NONE	ACCEL TIME:
	NORM/TEST DBA	180 DAYS POST DBA	>200 DAYS POST DBA	TBL 3.11-2 OPER'BLTY REVIEW	MM9112 PG 10,11,9 2 REF 1,2	TEST & EXTRA- POL'N			313.8 DAYS
EQUIPMENT: MOTORS TYPE									ACCEL TEMP: 410F
COMPONENT: FAN MOTOR	TEMPERATURE	85.5F NORM 112F1200HR 104FDESIGN	122F NORM CONT	TAB27D SL2-FSAR TABLE311-1 T395	WESTNG'HSE MM9112 PG 9,3 REF 1,2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: SEE INSTRUC. MANUAL
MANUFACTURER: WESTINGHOUSE									MAINTAIN.: SEE INSTRUC. MANUAL
MAJOR SUPPLIER : BUFFALO FORGE	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM AND ACC DBA	PAB27 SL2-FSAR TABLE311-1 P394	WESTNG'HSE MM9112 PG 3,4 REF 1,2	COMB. TEST & EXTRA- POL'N	M	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: 7908	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 43% DESIGN	100%	HAB27D SL2-FSAR TABLE311-1 H395	WESTNG'HSE MM9112 PG 8,4,9 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE EXHAUST FAN									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLI- CABLE	M	NONE	NOTE:SYSTEM FUNCTION DEFINED IN FSAR SECTION 9.4-3 AND FIGURE 9.4-6A
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE CABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	185 6.0E3 2.3E5 4.6E4 3.6E5 6.3E4 3.0E3 3.0E4	2.0E8 RADS TID	RAB27F SL2-FSAR TABLE311-1 R395	WESTNG'HSE MM9112 PG3 APPENDIX B REF 1,2	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 780A									
P.O #: 422679 CWD # : 0504/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	WESTNG'HSE MM9112 PG 10 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB27									ESF
COORDINATES X- 576.0 Y- 1562.0 Z- 43.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLI- CABLE	M	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0612									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	4.8
TEMPERATURE T	4.8
PRESSURE P	4.8
REL. HUMDTY H	4.8
CHEM. SPRAY C	4.8
RADIATION R	4.8
AGING	4.8
SUBMERGENCE S	4.8

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.QUALIFIED TO IEEE 323-74,334 -74,117-74

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:4.8

REVISION # :03
DATE :08/30/82

SYSTEM :ECCS VENTILATING
TAG :2HVE-9B

****
QUALIF QUALIFIED
STATUS
****
*
****

PHYS DWG REF: 2998G-395
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 4.8

SAR ENV CAT: E
0588 CATEG.: A
APPENDIX E

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1799

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : 2HVE-9B PB	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS + TEST + 180 DAYS POST DBA	REF 1	FSAR TABLE 3.11-2	REF 1	COMB.. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: CONTROL DEVICES TYPE									ACCEL TEMP: REF 1
COMPONENT: LOCAL CNTRL STATION	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	REF 1	TAB27D SL2-FSAR TABLE311-1 T395	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: BROWN-BOVERI ELECTRIC	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	REF 1	PAB27 SL2-FSAR TABLE311-1 P394	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR : NOT APPLICABLE SUPPLIER									SUBCOMPONENTS:
MODEL AND: B/M SERIAL #	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H	REF 1	HAB27D SL2-FSAR TABLE311-1	REF 1	COMB. TEST & EXTRA-	/	NONE	NOTE1:RECENTLY REVISED MSLB TRANSNT OUTSIDE CONT.,FIGS C-1A,B,C,D OF REPT REQ. REANLYSIS TO
FUNCT.DES: LCL CONTROL OF & SERVICE TAG INDICATED		43% DESIGN		H395		POL'N			DEMONST. EQUIP. RE
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	REF 1	CAB27 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	MAINS QUALIFIED. 2.AWAITING RESPNSE TO EBASCO LTR TO VENDOR. 3.LOCAL CNTRL OF MOTORS &
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	185 6.0E3 2.3E5 4.6E4 3.6E5 6.3E4 3.0E3 3.0E4	REF 1	RAB27F SL2-FSAR TABLE311-1 R395	REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MOV'S PRIMARILY FOR MAIN. & TEST. 3
SPECIFICATIONS:324									
P.O #:422589 CWD # : 0504/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	REF 1	10CFR50 PARA 50.51	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF
PLANT LOC.: AB27									
COORDINATES X- 573.0 Y- 1561.0 Z- 43.0	SUBMERGED	NO AREA FLOODING	REF 1	SAB27 SL2-FSAR TABLE311-1	REF 1	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): NO INSTAL. REF:FV0287 QUALIF EXEMPTN: NOT EXEMPT									

PARA-METER	SUPPL. REVIEW
OPERABILITY	55.1
TEMPERATURE T	55.1
PRESSURE P	55.1
REL. HUMDTY H	55.1
CHEM. SPRAY C	55.1
RADIATION R	55.1
AGING	55.1
SUBMERGENCE S	55.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)VENDOR QUAL REPORT CC-74-98 FIRST SUBMITTED REQUIRES REWORK.VENDOR RESPONSE TO LETTER SL2-EQ-82-6-217 DUE SEPT.30,1982

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:55.1

REVISION # :03
DATE :08/30/82

SYSTEM :HEATING & VENTILATING
TAG :2HVE-9B PB

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-395
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 55.1

SAR ENV CAT: E
0588 CATEG.: B
APPENDIX E

A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: 890 MW(E) | CES#-1800

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : 2HVS-1A	OPERABIL-ITY	30 YRS 180 DAYS POST DBA	40 YRS 200 DAYS POST DBA	SL2-FSAR TBL3.11-2 OPERABILITY REVIEW	REPORT # X-604, 3/20/80	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: MOTORS	NORM/TEST DBA								ACCEL TEMP: 415F
TYPE	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	RELIANCE PROFILE ENVELOPES [REF 2]	TRB15 SL2-FSAR TABLE311-1 T365	[REF 1]	COMB. TEST & EXTRA-POL'N	H	NONE	REPLACEMENT: SEE INSTRUCT MANL B-3645
COMPONENT: FAN MOTOR	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	RELIANCE PROFILE ENVELOPES [REF 3]	PRB15 SL2-FSAR TABLE311-1 P365	FIGURE 5 OF [REF 1]	COMB. TEST & EXTRA-POL'N	H	NONE	MAINTAIN.: SEE INSTRUCT MANL B-3645
MANUFACTURER: RELIANCE									
MAJOR SUPPLIER : JOY MANUF.									SUBCOMPONENTS:
MODEL AND SERIAL # : 1XF882438A3-NE GF-21210	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	PG 1,2 OF [REF 1]	COMB. TEST & EXTRA-POL'N	/	NONE	SEE INSTRUCTION MANUAL# B-3645 NOTES: PER FSAR PARA. 6.2.2.2.2 ONLY 3
FUNCT.DES: & SERVICE CONTAINMENT HEAT REMOVAL	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM OF BORON PH10.5	CRB15 SL2-FSAR TABLE311-1 C365	APP.A,PG.8 OF [REF1]	COMB. TEST & EXTRA-POL'N	H	NONE	OF 4 FAN COOLERS NORMALLY OPERATE CONSEQUENTLY NORMAL OPERATION WOULD ACTUALLY BE
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 12.0E6 3.0E5 30 D 12.9E7 2.1E6 1 YR 13.5E7 2.2E6 16.0E4 2.5E5	1.0E9 RADS TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	PG 2 OF [REF 1]	COMB. TEST & EXTRA-POL'N	H	NONE	3/4 TIME FOR 40 YEAR PLANT LICENSE DURATION.ONLY IN A POST DBA SEQUENCE DO ALL UNITS OPERATE
SPECIFICATIONS: 775									
P.O #: 422611 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PG 4 [REF 1]	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB15									ESF
COORDINATES X- 734.0 Y- 1545.0 Z- 41.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA-POL'N	H	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0614	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 4.1
QUALIF EXEMPTN: NOT APPLCBLE	OPERABILITY	4.1							
**********	TEMPERATURE T	4.1							
QUALIF QUALIFIED	PRESSURE P	4.1							
STATUS	REL. HUMDTY H	4.1							
********	CHEM. SPRAY C	4.1							
*	RADIATION R	4.1	REFERENCES: 1.REPORT# X-604,03/20/81						
**********	AGING	4.1	2.SL2 R.T.P. FIG. 10						
PHYS DWG REF: 2998G-365	SUBMERGENCE S	4.1	3.SL2 R.T.P. FIG. 9						
PHYS DWG LOC:			4.SL2FSAR PARA.6.2.2.2. AND 6.2.2.4 AND FIG.9.4.8						
MOUNTING : N/A	SAR ENV CAT: A								REVISION # :03
EQ PACK # : 4.1	0588 CATEG.: A								DATE :08/30/82
	APPENDIX E								SYSTEM :CONT. FAN COOLERS
									TAG :2HVS-1A

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1801

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : 2HVS-1B	OPERABIL-ITY	30 YRS 180 DAYS POST DBA	40 YRS 200 DAYS POST DBA	SL2-FSAR TBL3.11-2 OPERABILITY REVIEW	REPORT # X-604, 3/20/80	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: MOTORS	NORM/TEST DBA								
TYPE									ACCEL TEMP: 415F
COMPONENT: FAN MOTOR	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	RELIANCE PROFILE ENVELOPES [REF 2]	TRB15 SL2-FSAR TABLE311-1 T365	[REF 1]	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INSTRUCT MANL B-3645
MANUFACTURER: RELIANCE									MAINTAIN.: SEE INSTRUCT MANL B-3645
MAJOR SUPPLIER : JOY MANUF.	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	RELIANCE PROFILE ENVELOPES [REF 3]	PRB15 SL2-FSAR TABLE311-1 P365	FIGURE 5 OF [REF 1]	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS: SEE INSTRUCTION MANUAL# B-3645
MODEL AND: 1XF882438A2-NE/ SERIAL # GF-21211	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	PG 1,2 OF [REF 1]	COMB. TEST & EXTRA- POL'N	/	NONE	NOTES: PER FSAR PARA. 6.2.2.2.2 ONLY 3 OF 4 FAN COOLERS
FUNCT.DES: CONTAINMENT & SERVICE HEAT REMOVAL	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM OF BORON PH10.5	CRB15 SL2-FSAR TABLE311-1 C365	APP.A,PG.8 OF [REF1]	COMB. TEST & EXTRA- POL'N	H	NONE	NORMALLY OPERATE CONSEQUENTLY NOR MAL OPERATION WO ULD ACTUALLY BE
ACCUR. SPEC: NOT APPLICABLE									3/4 TIME FOR 40 YEAR PLANT LICEN SE DURATION.ONLY IN A POST DBA SE QUENCE DO ALL UN ITS OPERATE
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	1.0E9 RADS TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	PG 2 OF [REF 1]	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 775									
P.O #: 422611 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PG 4 [REF 1]	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB15									ESF
COORDINATES X- 649.0 Y- 1550.0 Z- 41.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0615	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 4.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	4.1							
QUALIF QUALIFIED	TEMPERATURE	T 4.1							
STATUS	PRESSURE	P 4.1							
	REL. HUMDTY	H 4.1							
	CHEM. SPRAY	C 4.1							
	RADIATION	R 4.1	REFERENCES: 1.REPORT# X-604,03/20/81						
PHYS DWG REF: 2998G-365	AGING	4.1	2.SL2 R.T.P. FIG. 10						
PHYS DWG LOC:	SUBMERGENCE	S 4.1	3.SL2 R.T.P. FIG. 9						REVISION # :03
MOUNTING : N/A			4.SL2FSAR PARA.6.2.2.2. AND 6.2.2.4 AND FIG.9.4.8						DATE :08/30/82
EQ PACK # : 4.1	SAR ENV CAT: A								SYSTEM :CONT. FAN COOLERS
	0588 CATEG.: A								TAG :2HVS-1B
	APPENDIX E								

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3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1802

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : 2HVS-1C	OPERABIL-ITY	30 YRS 180 DAYS	40 YRS 200 DAYS	SL2-FSAR TBL3.11-2	REPORT # X-604,	COMB. TEST &	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: MOTORS	NORM/TEST DBA	POST DBA	POST DBA	OPERABILIT Y REVIEW	3/20/80	EXTRA- POL'N			ACCEL TEMP:
TYPE									415F
COMPONENT: FAN MOTOR	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	RELIANCE PROFILE ENVELOPES [REF 2]	TRB17 SL2-FSAR TABLE311-1 T367	[REF 1]	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INSTRUCT MANL B-3645
MANUFACTURER: RELIANCE									MAINTAIN.:
MAJOR : JOY MANUF. SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	RELIANCE PROFILE ENVELOPES [REF 3]	PRB17 SL2-FSAR TABLE311-1 P367	FIGURE 5 OF [REF 1]	COMB. TEST & EXTRA- POL'N	H	NONE	SEE INSTRUCT MANL B-3645 SUBCOMPONENTS:
MODEL AND: 1XF882438A1-NE/ SERIAL # GF-21212	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB17 SL2-FSAR TABLE311-1 H367	PG 1,2 OF [REF 1]	COMB. TEST & EXTRA- POL'N	/	NONE	SEE INSTRUCTION MANUAL# B-3645 NOTES: PER FSAR PARA. 6.2.2.2.2 ONLY 3
FUNCT.DES: CONTAINMENT & SERVICE HEAT REMOVAL	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM OF BORON PH10.5	CRB17 SL2-FSAR TABLE311-1 C367	APP.A,PG.8 OF [REF1]	COMB. TEST & EXTRA- POL'N	H	NONE	OF 4 FAN COOLERS 3 NORMALLY OPERATE CONSEQUENTLY NOR MAL OPERATION WO ULD ACTUALLY BE
ACCUR. SPEC: NOT APPLICABLE									3/4 TIME FOR 40
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 30 D 1 YR 7.4E7 1.3E8 1.6E8 7.0E5	5.8E6 1.4E7 1.5E7 3.1E6	1.0E9 RADS TOTAL INTEGRATED DOSE	RRB17 SL2-FSAR TABLE311-1 R367	PG 2 OF [REF 1]	H	NONE	YEAR PLANT LICEN SE DURATION.ONLY IN A POST DBA SE QUENCE DO ALL UN
SPECIFICATIONS: 775									ITS OPERATE
P.O #: 422611 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PG 4 [REF 1]	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB17									
COORDINATES X- 632.0 Y- 1482.0 Z- 62.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SRB17 SL2-FSAR TABLE311-1 S367	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0616	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 4.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	4.1							
QUALIF QUALIFIED	TEMPERATURE T	4.1							3
STATUS	PRESSURE P	4.1							
********	REL. HUMDTY H	4.1							
*	CHEM. SPRAY C	4.1							
	RADIATION R	4.1	REFERENCES: 1.REPORT# X-604,03/20/81						
PHYS DWG REF: 2998G-367	AGING	4.1	2.SL2 R.T.P. FIG. 10						
PHYS DWG LOC:	SUBMERGENCE S	4.1	3.SL2 R.T.P. FIG. 9						REVISION # :03
MOUNTING : N/A			4.SL2FSAR PARA.6.2.2.2. AND 6.2.2.4 AND FIG.9.4.8						DATE :08/30/82
EQ PACK # : 4.1	SAR ENV CAT: A								SYSTEM :CONT. FAN COOLERS
	0588 CATEG.: A								TAG :2HVS-1C
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1803

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : 2HVS-1D	OPERABIL-ITY	30 YRS / 180 DAYS	40 YRS / 200 DAYS	SL2-FSAR / TBL3.11-2	REPORT # X-604,	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 HRS
EQUIPMENT: MOTORS TYPE	NORM/TEST DBA	POST DBA	POST DBA	OPERABILIT Y REVIEW	3/20/80				ACCEL TEMP: 415F
COMPONENT: FAN MOTOR	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	RELIANCE PROFILE ENVELOPES [REF 2]	TRB15 SL2-FSAR TABLE311-1 T365	[REF 1]	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INSTRUCT MANL B-3645
MANUFACTURER: RELIANCE									MAINTAIN.:
MAJOR SUPPLIER : JOY MANUF.	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	RELIANCE PROFILE ENVELOPES [REF 3]	PRB15 SL2-FSAR TABLE311-1 P365	FIGURE 5 OF [REF 1]	COMB. TEST & EXTRA- POL'N	H	NONE	SEE INSTRUCT MANL B-3645 SUBCOMPONENTS:
MODEL AND: 1XF882438A4-NE/ SERIAL # GF-21213	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	PG 1.2 OF [REF 1]	COMB. TEST & EXTRA- POL'N	/	NONE	SEE INSTRUCTION MANUAL# B-3645 NOTES: PER FSAR PARA. 6.2.2.2.2 ONLY 3
FUNCT.DES: CONTAINMENT & SERVICE HEAT REMOVAL									OF 4 FAN COOLERS
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000 PPM OF BORON PH10.5	CRB15 SL2-FSAR TABLE311-1 C365	APP.A,PG.8 OF [REF1]	COMB. TEST & EXTRA- POL'N	H	NONE	NORMALLY OPERATE CONSEQUENTLY NOR MAL OPERATION WO ULD ACTUALLY BE
ACCUR. DEM.: NOT APPLICABLE	R A D	2 HR 30 D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	1.0E9 RADS TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	PG 2 OF [REF 1]	COMB. TEST & EXTRA- POL'N	H	NONE	3/4 TIME FOR 40 YEAR PLANT LICEN SE DURATION.ONLY IN A POST DBA SE QUENCE DO ALL UN ITS OPERATE
SPECIFICATIONS: 775									
P.O #: 422611 CWD # : /	AGE- INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PG 4 [REF 1]	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB15									
COORDINATES X- 711.0 Y- 1442.0 Z- 41.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0617	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 4.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	4.1							
QUALIF QUALIFIED	TEMPERATURE T	4.1							
STATUS	PRESSURE P	4.1							
********	REL. HUMDTY H	4.1							
*	CHEM. SPRAY C	4.1	REFERENCES: 1.REPORT# X-604,03/20/81						
	RADIATION R	4.1	2.SL2 R.T.P. FIG. 10						
PHYS DWG REF: 2998G-365	AGING	4.1	3.SL2 R.T.P. FIG. 9						REVISION # : 03
PHYS DWG LOC:	SUBMERGENCE S	4.1	4.SL2FSAR PARA.6.2.2.2. AND 6.2.2.4 AND FIG.9.4.8						DATE : 08/30/82
MOUNTING : N/A									
EQ PACK # : 4.1	SAR ENV CAT: A								SYSTEM : CONT. FAN COOLERS
	0588 CATEG.: A								TAG : 2HVS-1D
	APPENDIX E								

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1806

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : 2HVS-4A	OPERABIL-ITY	<1000 HRS	>2000 HRS	SL2-FSAR	WESTNG'HSE	COMB.	/	NONE	ACCEL TIME: 313.8 DAYS
	NORM/TEST	180 DAYS	>200 DAYS	TBL 3.11-2	MM9112	TEST &			
EQUIPMENT: MOTORS	DBA	POST DBA	POST DBA	OPER'BLTY	PG 10,11,9	EXTRA-			ACCEL TEMP:
TYPE				REVIEW	2 REF 1,2	POL'N			410F
	TEMPERAT-URE	90.OF NORM	122F NORM	TAB27B	WESTNG'HSE	COMB.	M	NONE	
COMPONENT: FAN MOTOR			CONT	SL2-FSAR	MM9112	TEST &			REPLACEMENT:
		117F1200HR		TABLE311-1	PG 9,3	EXTRA-			SEE INSTRUC.
		109FDESIGN		T395	REF 1,2	POL'N			MANUAL
MANUFACTURER: WESTINGHOUSE									MAINTAIN.:
	PRESSURE	ATMOS NORM	ATMOS NORM	PAB27	WESTNG'HSE	COMB.	M	NONE	SEE INSTRUC.
		OPSIG	AND	SL2-FSAR	MM9112	TEST &			MANUAL
MAJOR : BUFFALO FORGE		(ACC. DBA)	ACC DBA	TABLE311-1	PG 3,4	EXTRA-			SUBCOMPONENTS:
SUPPLIER				P394	REF 1,2	POL'N			
									NO UNIQUE TAGGED
MODEL AND: TDBP/7906	RELATIVE HUMIDITY	60.0% NORM	100%	HAB27B	WESTNG'HSE	COMB.	/	NONE	SUBCOMPONENTS ARE
SERIAL #				SL2-FSAR	MM9112	TEST &			ENVELOPED BY THIS
		62.0%1200H		TABLE311-1	PG 8,4,9	EXTRA-			EQUIPMENT
FUNCT.DES: REACTOR AUX.BL		39% DESIGN		H395	REF 1,2	POL'N			
& SERVICE DG. MAIN SUPPL									NOTE:SYSTEM
Y FAN	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLI- CABLE	M	NONE	FUNCTION DEFINED IN FSAR SECTION 9.4-3 AND FIGURE 9.4-6A
ACCUR. SPEC: NOT APPLICABLE									
	R 2 HR	810 1.0E5		RAB27K	WESTNG'HSE	COMB.	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	A 30 D	7.4E5 6.6E6		SL2-FSAR	MM9112,PG3	TEST &			
	D 1 YR	1.1E6 6.6E6	2.0E8 RADS	TABLE311-1	APPENDIX B	EXTRA-			
	. 40YR/RW	2.0E4 6.6E6	TID	R395	REF 1,2	POL'N			
SPECIFICATIONS: 780A									
	AGE- INST LIFE (PER 323- 1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	WESTNG'HSE MM9112 PG 10 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
P.O #:422679 CWD # : 0505/									ESF
PLANT LOC.: AB27									
COORDINATES X- 582.0	SUBMERGED	NO	NOT	SAB27	NOT	NOT	M	NONE	
Y- 1548.0		AREA	APPLICABLE	SL2-FSAR	APPLICABLE	APPLI-			
Z- 43.0		FLOODING		TABLE311-1		CABLE			AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0618	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:4.8
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	4.8							
**********	TEMPERATURE T	4.8							
QUALIF QUALIFIED	PRESSURE P	4.8							
STATUS	REL. HUMDTY H	4.8							
********	CHEM. SPRAY C	4.8							
*	RADIATION R	4.8	REFERENCES: 1.QUALIFIED TO IEEE 323-74,334 -74,117-74						
**********	AGING	4.8							
PHYS DWG REF: 2998G-395	SUBMERGENCE S	4.8							REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : N/A									
EQ PACK # : 4.8	SAR ENV CAT: D								SYSTEM :ECCS VENTILATING
	0588 CATEG.: A								TAG .:2HVS-4A
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1807

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : 2HVS-4B	OPERABIL-ITY	<1000 HRS	>2000 HRS	SL2-FSAR TBL 3.11-2	WESTNG'HSE MM9112	COMB. TEST &	/	NONE	ACCEL TIME: 313.8 DAYS
	NORM/TEST	180 DAYS	>200 DAYS	OPER'BLTY	PG 10,11,9	EXTRA-			
EQUIPMENT: MOTORS	DBA	POST DBA	POST DBA	REVIEW	2 REF 1,2	POL'N	.		ACCEL TEMP:
TYPE									410F
	TEMPERAT-URE	90.0F NORM	122F NORM CONT	TAB27B	WESTNG'HSE	COMB.	M	NONE	
COMPONENT: FAN MOTOR				SL2-FSAR	MM9112	TEST &			REPLACEMENT:
		117F1200HR		TABLE311-1	PG 9,3	EXTRA-			SEE INSTRUC.
		109FDESIGN		T395	REF 1,2	POL'N			MANUAL
MANUFACTURER:WESTINGHOUSE									MAINTAIN.:
	PRESSURE	ATMOS NORM OPSIG	ATMOS NORM AND	PAB27	WESTNG'HSE	COMB.	M	NONE	SEE INSTRUC.
				SL2-FSAR	MM9112	TEST &			MANUAL
MAJOR : BUFFALO FORGE		(ACC. DBA)	ACC DBA	TABLE311-1	PG 3,4	EXTRA-			SUBCOMPONENTS:
SUPPLIER				P394	REF 1,2	POL'N			
									NO UNIQUE TAGGED
MODEL AND: TBDP/7906	RELATIVE HUMIDITY	60.0% NORM	100%	HAB27B	WESTNG'HSE	COMB.	/	NONE	SUBCOMPONENTS ARE
SERIAL #				SL2-FSAR	MM9112	TEST &			ENVELOPED BY THIS
		62.0%1200H		TABLE311-1	PG 8,4,9	EXTRA-			EQUIPMENT
FUNCT.DES: REACTOR AUX.BL		39% DESIGN		H395	REF 1,2	POL'N			
& SERVICE DG. MAIN									NOTE:SYSTEM
SUPPLY FAN	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLI- CABLE	M	NONE	FUNCTION DEFINED IN FSAR SECTION 9.4-3 AND FIGURE 94-6A
ACCUR. SPEC: NOT APPLICABLE									
	R 2 HR	810 1.0E5		RAB27K	WESTNG'HSE	COMB.	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	A 30 D	17.4E5 6.6E6		SL2-FSAR	MM9112 PG3	TEST &			
	D 1 YR	11.1E6 6.6E6	2.0E8 RADS	TABLE311-1	APPENDIX B	EXTRA-			
	. 40YR/RW	12.0E4 6.6E6	TID	R395	REF 1,2	POL'N			
SPECIFICATIONS:780A									
	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	WESTNG'HSE MM9112 PG 10 REF 1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
P.O #:422679 CWD # : 0506/									
PLANT LOC.: AB27									ESF
	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	NOT APPLI- CABLE	M	NONE	
COORDINATES X- 571.0									
Y- 1548.0									
Z- 43.0									AUTH. REFERENCE:
INSTALLED (Y/N): YES									7.3-2
INSTAL. REF:FV0619	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION
QUALIF EXEMPTN: NOT APPLIC									PACKAGE:4.8
**********	OPERABILITY	4.8							
QUALIF QUALIFIED	TEMPERATURE T	4.8							
STATUS	PRESSURE P	4.8							
********	REL. HUMDTY H	4.8							
*	CHEM. SPRAY C	4.8	REFERENCES: 1.QUALIFIED TO IEEE 323-74,334 -74,117-74						
**********	RADIATION R	4.8							
PHYS DWG REF: 2998G-395	AGING	4.8							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	4.8							DATE :08/30/82
MOUNTING : N/A									
EQ PACK # : 4.8	SAR ENV CAT: D								SYSTEM :ECCS VENTILATING
	0588 CATEG.: A								TAG :2HVS-4B
	APPENDIX E								

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1814

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : ZS-25-10	OPERABIL-ITY NORM/TEST DBA	40 YRS CON < 60 SEC POST DBA < 30000 CYCL	SEE REF 1	SL2-FSAR TBL 3.11-2 OPER REVIEW	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES TYPE									ACCEL TEMP: REF 1
COMPONENT: POSITION SWITCH	TEMPERAT-URE	110F NORM FIG. 10 (ACC. DBA) 119FDESIGN	SEE REF 1	TRB19 SL2-FSAR TABLE311-1 -	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: NAMCO									MAINTAIN.: REF 1
MAJOR : NOT SUPPLIER APPLICABLE	PRESSURE	-.5PSIGNRM SL2-FSAR FIG 6.2-55 (ACC. DBA)	SEE REF 1	PRB19 L2- SL2-FSAR TABLE311-1 P365	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: EA-740220100 SERIAL #	RELATIVE HUMIDITY	65% 100% (ACC. DBA)	SEE REF 1	HRB19 SL2-FSAR TABLE311-1 H365	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: VLV I-FCV-25-5 & SERVICE CONT.PURGE EXHAUST	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF 1	CRB19 SL2-FSAR TABLE311-1 C365	SEE REF 1	N/A	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E5	SEE REF 1	RRB19 SL2-FSAR TABLE311-1 R365	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 114									
P.O #:422537 CWD # : 511 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB19									
COORDINATES X- 615* Y- 1496* Z- 54.0	SUBMERGED	NO AREA FLOODING	SEE REF 1	SRB19 SL2-FSAR TABLE311-1 S365	SEE REF 1	N/A	H	NONE	PAM AUTH. REFERENCE: MRL
INSTALLED (Y/N): YES									

INSTAL. REF.:FV0527
QUALIF EXEMPTN: NOT APPLIC

****
QUALIF QUALIFIED
STATUS
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*
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PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 9.3

PARAMETER	SUPPL. REVIEW
OPERABILITY	9.3
TEMPERATURE T	9.3
PRESSURE P	9.3
REL. HUMDTY H	9.3
CHEM. SPRAY C	9.3
RADIATION R	9.3
AGING	9.3
SUBMERGENCE S	9.3

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #0462

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3

REVISION # :03
DATE :08/30/82

SYSTEM :CONTAINMENT PURGE
TAG :ZS-25-10

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1825

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : ZS-25-11	OPERABIL-ITY /NORM/TEST /DBA	40 YRS CON < 60 SEC POST DBA <30000CYCL	SEE REF 1	SL2-FSAR TBL 3.11-2 OPER REVIEW	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME:
EQUIPMENT: LIMIT SWITCHES TYPE									ACCEL TEMP: REF 1
COMPONENT: POSITION SWITCH	TEMPERAT-URE	110F NORM FIG. 10 (ACC. DBA) 119FDESIGN	SEE REF 1	TRB19 SL2-FSAR TABLE311-1	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER:NAMCO									
	PRESSURE	-.5PSIGNRM SL2-FSAR FIG 6.2-55 (ACC. DBA)	SEE REF 1	PRB19 SL2-FSAR TABLE311-1 P365	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR : NOT SUPPLIER APPLICABLE									SUBCOMPONENTS:
MODEL AND: EA-740220100 SERIAL #	RELATIVE HUMIDITY	65% 100% (ACC. DBA)	SEE REF 1	HRB19 SL2-FSAR TABLE311-1 H365	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: VLV I-FCV-25-5 & SERVICE CONT.PURGE EXHAUST	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF 1	CRB19 SL2-FSAR TABLE311-1 C365	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	SEE REF 1	RRB19 SL2-FSAR TABLE311-1 R365	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:114									
P.O #:422537 CWD # : 511 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: RB19									
COORDINATES X- 615.0* Y- 1496.0* Z- 54.0	SUBMERGED	NO AREA FLOODING	SEE REF 1	SRB19 SL2-FSAR TABLE311-1 S365	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES INSTAL. REF:FV0529 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3
********** *QUALIF* QUALIFIED *STATUS* ******** * **********	OPERABILITY TEMPERATURE T PRESSURE P REL. HUMDTY H CHEM. SPRAY C RADIATION R AGING SUBMERGENCE S	9.3 9.3 9.3 9.3 9.3 9.3 9.3 9.3							
PHYS DWG REF: 2998G-365 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 9.3	SAR ENV CAT: A 0588 CATEG.: A APPENDIX E		REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #0462						REVISION # :03 DATE :08/30/82 SYSTEM :CONTAINMENT PURGE TAG :ZS-25-11

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1831

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : ZS-25-12	OPERABIL-ITY	40 YRS CON <60 SEC POST DBA	SEE REF 1	SLL-FSAR TBL 3.11-2 OPER.REVW	SEE REF 1	COMB. TEST & EXTRA-	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES TYPE	NORM/TEST DBA	<30000CYCL				POL'N			ACCEL TEMP: REF 1
COMPONENT: POSITION SWITCH	TEMPERAT-URE	90.0F NORM 117F1200HR 109FDESIGN	SEE REF 1	TAB27F SL2-FSAR TABLE311-1 T395 395	SEE REF 1	COMB. TEST & EXTRA-	M	NONE	REPLACEMENT: REF 1
MANUFACTURER:NAMCO						POL'N			MAINTAIN.:
MAJOR : NOT SUPPLIER APPLICABLE	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF 1	PAB27 SL2-FSAR TABLE311-1 P394	SEE REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REF 1 SUBCOMPONENTS:
MODEL AND: LS:EA74020100 SERIAL #	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	SEE REF 1	HAB27F SL2-FSAR TABLE311-1 H395	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: VLV I-FCV-25-6 & SERVICE CONT.PURGE EXHAUST	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF 1	CAB27 SL2-FSAR TABLE311-1	SEE REF 1	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 810 1.0E5 30 D 7.4E5 6.6E6 1 YR 1.1E6 6.6E6 40YR/RW 2.0E4 6.6E6	SEE REF 1	RAB27J SL2-FSAR TABLE311-1 R395	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:114									
P.O #:422537 CWD # : 512 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB27									
COORDINATES X- 609 * Y- 1493 * Z- 43.0	SUBMERGED	NOT APPLICABLE	SEE REF 1	NOT APPLICABLE	SEE REF 1	N/A	/	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									

PARA-METER	SUPPL. REVIEW
OPERABILITY	9.3
TEMPERATURE T	9.3
PRESSURE P	9.3
REL. HUMDTY H	9.3
CHEM. SPRAY C	9.3
RADIATION R	9.3
AGING	9.3
SUBMERGENCE	9.3

SAR ENV CAT: D
0588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #0463

INSTAL. REF:FV0244
QUALIF EXEMPTN: NOT APPLIC

QUALIF QUALIFIED
STATUS

PHYS DWG REF: 2998G-395
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 9.3

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3

REVISION # :03
DATE :08/30/82

SYSTEM :CONTAINMENT PURGE
TAG :ZS-25-12

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1832

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : ZS-25-13	OPERABIL-ITY NORM/TEST DBA	40 YRS CON < 60 SEC POST DBA <30000CYCL	SEE REF 1	SL2-FSAR TBL 3.11-2 OPER.REVW	SEE REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES TYPE									ACCEL TEMP: REF 1
COMPONENT: POSITION SWITCH	TEMPERAT-URE	90.OF NORM 117F1200HR 109FDESIGN	SEE REF 1	TAB27F SL2-FSAR TABLE311-1 T395	SEE REF 1	COMB. TEST & EXTRA-POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: NAMCO									MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF 1	PAB27 SL2-FSAR TABLE311-1 P394	SEE REF 1	COMB. TEST & EXTRA-POL'N	M	NONE	SUBCOMPONENTS:
MODEL AND: LS:EA74020100 SERIAL #	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	SEE REF 1	HAB27F SL2-FSAR TABLE311-1 H395	SEE REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE VLV I-FCV-25-6 CONT.PURGE EXHAUST	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF 1	CAB27 SL2-FSAR TABLE311-1	SEE REF 1	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	SEE REF 1	RAB27J SL2-FSAR TABLE311-1 R395	SEE REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS: 114									
P.O #:422537 CWD # : 512 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB27									
COORDINATES X- 609 * Y- 1493 * Z- 43.0	SUBMERGED	NOT APPLICABLE	SEE REF 1	NOT APPLICABLE	SEE REF 1	N/A	/	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									

INSTAL. REF:FV0247
QUALIF EXEMPTN: NOT APPLIC

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QUALIF QUALIFIED
STATUS
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PHYS DWG REF: 2998G-395
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 9.3

PARAMETER	SUPPL. REVIEW
OPERABILITY	9.3
TEMPERATURE T	9.3
PRESSURE P	9.3
REL. HUMDTY H	9.3
CHEM. SPRAY C	9.3
RADIATION R	9.3
AGING	9.3
SUBMERGENCE	9.3

SAR ENV CAT: D
O588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #0463

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3

REVISION # :03
DATE :08/30/82

SYSTEM :CONTAINMENT PURGE
TAG :ZS-25-13

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1833

EQUIPMENT DESCRIPTION	ENVIRONMENT. PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-14	OPERABIL-ITY	40 YRS CON	SEE REF 1	SL2-FSAR	SEE REF 1	COMB.	/	NONE	ACCEL TIME: REF 1
	NORM/TEST	< 60 SEC		TBL 3.11-2		TEST &			
EQUIPMENT: LIMIT SWITCHES	DBA	POST DBA		OPER.RVIEW		EXTRA-			ACCEL TEMP:
TYPE		<30000CYCL				POL'N			REF 1
	TEMPERAT-URE	110F NORM	SEE REF 1	TRB19	SEE REF 1	COMB.	H	NONE	
COMPONENT: POSITION SWITCH		FIG. 10		SL2-FSAR		TEST &			REPLACEMENT:
		(ACC. DBA)		TABLE311-1		EXTRA-			REF 1
		119FDESIGN				POL'N			
MANUFACTURER: NAMCO	PRESSURE	-.5PSIGNRM	SEE REF 1	PRB19	SEE REF 1	COMB.	H	NONE	MAINTAIN.: REF 1
		SL2-FSAR		SL2-FSAR		TEST &			
MAJOR : NOT		FIG 6.2-55		TABLE311-1		EXTRA-			SUBCOMPONENTS:
SUPPLIER APPLICABLE		(ACC. DBA)		P365		POL'N			
MODEL AND: EA-740 SERIES	RELATIVE HUMIDITY	65%	SEE REF 1	HRB19	SEE REF 1	COMB.	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
SERIAL #		100%		SL2-FSAR		TEST &			
		(ACC. DBA)		TABLE311-1		EXTRA-			
FUNCT.DES: VLV I-FCV-25-7				H365		POL'N			
& SERVICE CONT.VACUUM	CHEMICAL	AREA NOT	SEE REF 1	CRB19	SEE REF 1	N/A	H	NONE	
RELIEF	SPRAY	SUBJECT TO		SL2-FSAR					
		CHEMICAL		TABLE311-1					
ACCUR. SPEC: NOT		SPRAY		C365					
APPLICABLE	R 2 HR	2.7E6 5.2E5	SEE REF 1	RRB19	SEE REF 1	COMB.	H	NONE	
ACCUR. DEM.: NOT	A 30 D	4.0E7 3.2E6		SL2-FSAR		TEST &			
APPLICABLE	D 1 YR	4.8E7 3.8E6		TABLE311-1		EXTRA-			
	. 40YR/RW	3.0E4 1.5E6		R365		POL'N			
SPECIFICATIONS: 114	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
P.O #:422537 CWD # : 529 /									
PLANT LOC.: RB19	SUBMERGED	NO	SEE REF 1	SRB19	SEE REF 1	N/A	H	NONE	
COORDINATES X- 742 *		AREA		SL2-FSAR					
Y- 1455 *		FLOODING		TABLE311-1					AUTH. REFERENCE:
Z- 72.0				S365					3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF: FV0248	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	9.3							
**********	TEMPERATURE T	9.3							
QUALIF QUALIFIED	PRESSURE P	9.3							
STATUS	REL. HUMDTY H	9.3							
********	CHEM. SPRAY C	9.3	REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #0464						
*	RADIATION R	9.3							
**********	AGING	9.3							REVISION # :03
PHYS DWG REF: 2998G-365	SUBMERGENCE S	9.3							DATE :08/30/82
PHYS DWG LOC:									
MOUNTING : N/A	SAR ENV CAT: A								SYSTEM :CONT. VAC. RELIEF
EQ PACK # : 9.3	0588 CATEG.: A								TAG :ZS-25-14
	APPENDIX E								

A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: . 890 MW(E) | CES#-1834

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF. 2	DOCUMENTATION ACTUAL 3	DOCUMENTATION DEM. QUALIF. 4	QUALIF. METHOD 5	H/M 6	OUTS ITEMS 7	
TAG NO : ZS-25-15	OPERABIL-ITY NORM/TEST	40 YRS CON < 60 SEC POST DBA	SEE REF 1	SL2-FSAR TBL 3.11-2 OPER.RVIEW	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES TYPE	DBA	<30000CYCL							ACCEL TEMP: REF 1
COMPONENT: POSITION SWITCH	TEMPERAT-URE	110F NORM FIG. 10 (ACC. DBA) 119FDESIGN	SEE REF 1	TRB19 SL2-FSAR TABLE311-1	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: NAMCO	PRESSURE	-.5PSIGNRM SL2-FSAR FIG 6.2-55 (ACC. DBA)	SEE REF 1	PRB19 SL2-FSAR TABLE311-1 P365	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER: NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL #: EA-740 SERIES	RELATIVE HUMIDITY	65% 100% (ACC. DBA)	SEE REF 1	HRB19 SL2-FSAR TABLE311-1 H365	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE: VLV I-FCV-25-7 CONT.VACUUM RELIEF	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF 1	CRB19 SL2-FSAR TABLE311-1 C365	SEE REF 1	N/A	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	12.7E6 5.2E5 14.0E7 3.2E6 14.8E7 3.8E6 13.0E4 1.5E6	SEE REF 1	RRB19 SL2-FSAR TABLE311-1 R365	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	3
SPECIFICATIONS: 114									
P.O #: 422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: RB19									
COORDINATES X- 742 * Y- 1455 * Z- 72.0	SUBMERGED	NO AREA FLOODING	SEE REF 1	SRB19 SL2-FSAR TABLE311-1 S365	SEE REF 1	N/A	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF: FV0249	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 9.3
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	9.3							
QUALIF QUALIFIED *STATUS*	TEMPERATURE T	9.3							
	PRESSURE P	9.3							
	REL. HUMDTY H	9.3							
	CHEM. SPRAY C	9.3	REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #0464						3
	RADIATION R	9.3							
	AGING	9.3							REVISION # : 03
PHYS DWG REF: 2998G-365	SUBMERGENCE S	9.3							DATE : 08/30/82
PHYS DWG LOC:									
MOUNTING : N/A	SAR ENV CAT: A								SYSTEM : CONT. VAC. RELIEF
EQ PACK # : 9.3	0588 CATEG.: A								TAG : ZS-25-15
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1835

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : ZS-25-16	OPERABIL-ITY	40 YRS CON	SEE REF 1	SL2-FSAR	SEE REF 1	COMB.	/	NONE	ACCEL TIME:
		< 60 SEC		TBL 3.11-2		TEST &			REF 1
EQUIPMENT: LIMIT SWITCHES	NORM/TEST	POST DBA		OPER REVW		EXTRA-			
TYPE	DBA	<30000CYCL				POL'N			ACCEL TEMP:
	TEMPERAT-URE	110F NORM	SEE REF 1	TRB19	SEE REF 1	COMB.	H	NONE	REF 1
COMPONENT: POSITION SWITCH		FIG. 10		SL2-FSAR		TEST &			
		(ACC. DBA)		TABLE311-1		EXTRA-			REPLACEMENT:
		119FDESIGN				POL'N			REF 1
MANUFACTURER:NAMCO	PRESSURE	-.5PSIGNRM	SEE REF 1	PRB19	SEE REF 1	COMB.	H	NONE	MAINTAIN.: 3
		SL2-FSAR		SL2-FSAR		TEST &			REF 1
MAJOR : NOT		FIG 6.2-55		TABLE311-1		EXTRA-			
SUPPLIER APPLICABLE		(ACC. DBA)		P365		POL'N			SUBCOMPONENTS:
MODEL AND: EA-740 SERIES	RELATIVE HUMIDITY	65%	SEE REF 1	HRB19	SEE REF 1	COMB.	/	NONE	NO UNIQUE TAGGED
SERIAL #		100%		SL2-FSAR		TEST &			SUBCOMPONENTS ARE
		(ACC. DBA)		TABLE311-1		EXTRA-			ENVELOPED BY THIS
FUNCT.DES: VLV I-FCV-25-8				H365		POL'N			EQUIPMENT
& SERVICE CONT.VACUUM	CHEMICAL SPRAY	AREA NOT	SEE REF 1	CRB19	SEE REF 1	N/A	H	NONE	
RELIEF		SUBJECT TO		SL2-FSAR					
		CHEMICAL		TABLE311-1					
ACCUR. SPEC: NOT		SPRAY		C365					
APPLICABLE									
	R 2 HR	2.7E6 5.2E5	SEE REF 1	RRB19	SEE REF 1	COMB.	H	NONE	
ACCUR. DEM.: NOT	A 30 D	4.0E7 3.2E6		SL2-FSAR		TEST &			
APPLICABLE	D 1 YR	4.8E7 3.8E6		TABLE311-1		EXTRA-			
	. 40YR/RW	3.0E4 1.5E6		R365		POL'N			
SPECIFICATIONS:114									
	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: 3
P.O #:422537 CWD # : /									PAM
PLANT LOC.: RB19									
	SUBMERGED	NO	SEE REF 1	SRB19	SEE REF 1	N/A	H	NONE	
COORDINATES X- 734 *		AREA		SL2-FSAR					
Y- 1444 *		FLOODING		TABLE311-1					
Z- 72.0				S365					AUTH. REFERENCE:
									3.11-2

INSTALLED (Y/N): NO
INSTAL. REF:FV0250
QUALIF EXEMPTN: NOT APPLIC

PARAMETER	SUPPL. REVIEW
OPERABILITY	9.3
TEMPERATURE T	9.3
PRESSURE P	9.3
REL. HUMDTY H	9.3
CHEM. SPRAY C	9.3
RADIATION R	9.3
AGING	9.3
SUBMERGENCE S	9.3

QUALIF QUALIFIED
STATUS

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 9.3

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #0465

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3

REVISION # :03
DATE :08/30/82 3

SYSTEM :CONT. VAC. RELIEF
TAG :ZS-25-16

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1836

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : ZS-25-17	OPERABIL-ITY NORM/TEST DBA	40 YRS CON < 60 SEC. POST DBA <30000CYCL	SEE REF 1	SL2-FSAR TBL 3.11-2 OPER REVW	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES TYPE									ACCEL TEMP: REF 1
COMPONENT: POSITION SWITCH	TEMPERAT-URE	110F NORM FIG. 10 (ACC. DBA) 119FDESIGN	SEE REF 1	TRB19 SL2-FSAR TABLE311-1	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER:NAMCO									MAINTAIN.: REF 1
	PRESSURE	-.5PSIGNRM SL2-FSAR FIG 6.2-55 (ACC. DBA)	SEE REF 1	PRB19 SL2-FSAR TABLE311-1 P365	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
MAJOR : NOT SUPPLIER APPLICABLE									SUBCOMPONENTS:
MODEL AND: EA-740 SERIES SERIAL #	RELATIVE HUMIDITY	65% 100% (ACC. DBA)	SEE REF 1	HRB19 SL2-FSAR TABLE311-1 H365	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: VLV I-FCV-25-8 & SERVICE CONT.VACUUM RELIEF	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF 1	CRB19 SL2-FSAR TABLE311-1 C365	SEE REF 1	N/A	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	SEE REF 1	RRB19 SL2-FSAR TABLE311-1 R365	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
		2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6							
SPECIFICATIONS:114									
P.O #:422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: RB19									
COORDINATES X- 734 * Y- 1444 * Z- 72.0	SUBMERGED	NO AREA FLOODING	SEE REF 1	SRB19 SL2-FSAR TABLE311-1 S365	SEE REF 1	N/A	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF:FV0251									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	9.3
TEMPERATURE T	9.3
PRESSURE P	9.3
REL. HUMDTY H	9.3
CHEM. SPRAY C	9.3
RADIATION R	9.3
AGING	9.3
SUBMERGENCE S	9.3

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3

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QUALIF QUALIFIED
STATUS
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REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #4065

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 9.3

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

REVISION # :03
DATE :08/30/82

SYSTEM :CONT. VAC. RELIEF
TAG :ZS-25-17

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3
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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1837

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-2	OPERABILITY NORM/TEST DBA	40 YRS CON < 60 SEC POST DBA <30000CYCL	SEE REF 1	SL2-FSAR TBL 311-2 OPER REVW	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES									ACCEL TEMP: REF 1
TYPE	TEMPERATURE	74.5F NORM 101F1200HR 93F DESIGN	SEE REF 1	TAB25B SL2-FSAR TABLE311-1 T393	SEE REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
COMPONENT: POSITION SWITCH									
MANUFACTURER: NAMCO	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF 1	PAB25B SL2-FSAR TABLE311-1 P393	SEE REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS: 3
MODEL AND SERIAL #: EA-74020100	RELATIVE HUMIDITY	60.0% NORM 100 %1200H 62% DESIGN	SEE REF 1	HAB25B SL2-FSAR TABLE311-1 H393	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE: VLV I-FCV-25-1 CONT.PURGE INTAKE									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF 1	CAB25 SL2-FSAR TABLE311-1	SEE REF 1	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E4 4.0E5 7.8E4 6.1E5 1.1E5 5.0E3 5.0E4	SEE REF 1	RAB25D SL2-FSAR TABLE311-1 R393	SEE REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 114									
P.O #: 422537 CWD # : 511 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB TEST & EXTRS- POL'N	/	NONE	SAFETY FUNCTION: PAM 3
PLANT LOC.: AB25									
COORDINATES X- 628 * Y- 1552 * Z- 20.0	SUBMERGED	NOT APPLICABLE	SEE REF 1	NOT APPLICABLE	SEE REF 1	N/A	/	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF.: FV0253	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 9.3
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	9.3							
QUALIF QUALIFIED	TEMPERATURE T	9.3							
STATUS	PRESSURE P	9.3							
********	REL. HUMDTY H	9.3							
*	CHEM. SPRAY C	9.3	REFERENCES: 1) LIMIT SWITCHES ARE ENVELOPED IN PACKAGE 3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #0429						
**********	RADIATION R	9.3							
PHYS DWG REF: 2998G-393	AGING	9.3							REVISION # : 03 3
PHYS DWG LOC:	SUBMERGENCE	9.3							DATE : 08/30/82
MOUNTING : N/A									
EQ PACK # : 9.3	SAR ENV CAT: E								SYSTEM : CONTAINMENT PURGE
	0588 CATEG.: A								TAG : ZS-25-2
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1848

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-3	OPERABIL-ITY /NORM/TEST /DBA	40 YRS CON < 60 SEC POST DBA <30000CYCL	SEE REF 1	SL2-FSAR TBL 311-2 OPER REVW	SEE REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES TYPE									ACCEL TEMP: REF 1
COMPONENT: POSITION SWITCH	TEMPERAT-URE	74.5F NORM 101F1200HR 93F DESIGN	SEE REF 1	TAB25B SL2-FSAR TABLE311-1 T393	SEE REF 1	COMB. TEST & EXTRA-POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER:NAMCO	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF 1	PAB25B SL2-FSAR TABLE311-1 P393	SEE REF 1	COMB. TEST & EXTRA-POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : EA-74020100	RELATIVE HUMIDITY	60.0% NORM 100 %1200H 62% DESIGN	SEE REF 1	HAB25B SL2-FSAR TABLE311-1 H393	SEE REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE VLV I-FCV-25-1 CONT.PURGE INTAKE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF 1	CAB25 SL2-FSAR TABLE311-1	SEE REF 1	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E4 4.0E5 7.8E4 6.1E5 1.1E5 5.0E3 5.0E4	SEE REF 1	RAB25D SL2-FSAR TABLE311-1 R393	SEE REF 1	COMB. TEST & EXTRA-POL'N	M	NONE	
SPECIFICATIONS:114									
P.O #:422537 CWD # : 511 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB25									
COORDINATES X- 628 * Y- 1552 * Z- 20.0	SUBMERGED	NOT APPLICABLE	SEE REF 1	NOT APPLICABLE	SEE REF 1	N/A	/	NONE	PAM AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF.:EV0254	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3
QUALIF EXEMPTN: NOT APPLIC									
QUALIF QUALIFIED *STATUS*	OPERABILITY	9.3							
	TEMPERATURE T	9.3							
	PRESSURE P	9.3							
	REL. HUMDTY H	9.3							
	CHEM. SPRAY C	9.3							
	RADIATION R	9.3							
PHYS DWG REF: 2998G-393	AGING	9.3							
PHYS DWG LOC:	SUBMERGENCE	9.3							
MOUNTING : N/A									
EQ PACK # : 9.3	SAR ENV CAT: E 0588 CATEG.: A APPENDIX E								SYSTEM :CONTAINMENT PURGE TAG :ZS-25-3

REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #0429

REVISION # :03
DATE :08/30/82

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1849

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	DEM. (2)	DOCUMENTATION ACTUAL (3)	DEM. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-30	OPERABIL-ITY /NORM/TEST	40 YRS CON < 60 SEC POST DBA	SEE REF 1	SL2-FSAR TBL 3.11-2 OPER	SEE REF 1	COMB TEST & EXTRA-	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES	DBA	<30000CYCL		REVIEW		POL'N			ACCEL TEMP:
TYPE									REF 1
COMPONENT: POSITION SWITCH	TEMPERAT-URE	90.OF NORM 117F1200HR 109FDESIGN	SEE REF 1	TAB27F SL2-FSAR TABLE311-1 T395	SEE REF 1	COMB TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER:NAMCO									MAINTAIN.:
MAJOR : NOT SUPPLIER APPLICABLE	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF 1	PAB27 SL2-FSAR TABLE311-1 P394	SEE REF 1	COMB TEST & EXTRA- POL'N	M	NONE	REF 1 SUBCOMPONENTS:
MODEL AND: EA740 SERIES SERIAL #	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	SEE REF 1	HAB27F SL2-FSAR TABLE311-1 H395	SEE REF 1	COMB TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT.
FUNCT.DES: VLV I-FCV25-12 & SERVICE SYSTEM 2HVE-6B	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF 1	CAB27 SL2-FSAR TABLE311-1	SEE REF 1	COMB TEST & EXTRA- POL'N	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	SEE REF 1	RAB27J SL2-FSAR TABLE311-1 R395	SEE REF 1	COMB TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:114									
P.O #:422537 CWD # : 0499/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: 3 PAM
PLANT LOC.: AB27									
COORDINATES X- 602.00 Y- 1518.00 Z- 43.0	SUBMERGED	NOT APPLICABLE	SEE REF 1	NOT APPLICABLE	SEE REF 1	COMB TEST & EXTRA- POL'N	/	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): LTR INSTAL. REF:BY-FLD QUALIF EXEMPTN: NOT APPLIC	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3
**********	OPERABILITY	9.3							
QUALIF QUALIFIED	TEMPERATURE T	9.3							
STATUS	PRESSURE P	9.3							
********	REL. HUMDTY H	9.3							
*	CHEM. SPRAY C	9.3	REFERENCES: 1.LIMIT SWITCHES ARE ENVELOPED IN PACKAGE 3.2/9.3. SEE CES #1915						
**********	RADIATION R	9.3							
PHYS DWG REF: 2998G-395	AGING	9.3							
PHYS DWG LOC:	SUBMERGENCE	9.3							REVISION # :03 DATE :08/30/82 3
MOUNTING : NOT APPLICABLE									
EQ PACK # : 9.3	SAR ENV CAT: D								SYSTEM :HEATING & VENTILATING
	0588 CATEG.: A								TAG :ZS-25-30
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1925

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-83	OPERABIL-ITY	40 YRS CON >60 SEC	SEE REF 1	SL2-FSAR TBL 3.11-2	SEE REF 1	COMB. TEST &	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES	NORM/TEST DBA	POST DBA >30000CYCL		OPER REVW		EXTRA- POL'N			ACCEL TEMP: REF 1
TYPE	TEMPERAT-URE	90.OF NORM	SEE REF 1	TAB27F SL2-FSAR	SEE REF 1	COMB. TEST &	M	NONE	
COMPONENT: POSITION SWITCH CH		117F1200HR 109FDESIGN		TABLE311-1 T395		EXTRA- POL'N			REPLACEMENT: REF 1
MANUFACTURER:NAMCO	PRESSURE	ATMOS NORM OPSIG	SEE REF 1	PAB27 SL2-FSAR	SEE REF 1	COMB. TEST &	M	NONE	MAINTAIN.: REF 1
MAJOR : NOT SUPPLIER APPLICABLE		(ACC. DBA)		TABLE311-1 P394		EXTRA- POL'N			SUBCOMPONENTS:
MODEL AND: EA-740 SERIES SERIAL # S/N-298858	RELATIVE HUMIDITY	60.0% NORM	SEE REF 1	HAB27F SL2-FSAR	SEE REF 1	COMB. TEST &	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: VLV I-FCV25-29 & SERVICE SYS 2HVE-6B		62.0%1200H 39% DESIGN		TABLE311-1 H395		EXTRA- POL'N			
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF 1	CAB27 SL2-FSAR TABLE311-1	SEE REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	SEE REF 1	RAB27J SL2-FSAR TABLE311-1 R395	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 114	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
P.O #:422537 CWD # : /									
PLANT LOC.: AB27									
COORDINATES X- 611* Y- 1521* Z- 47.0	SUBMERGED	NOT APPLICABLE	SEE REF 1	NOT APPLICABLE	SEE REF 1	N/A	/	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO INSTAL. REF:FV0273 QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	9.3
TEMPERATURE T	9.3
PRESSURE P	9.3
REL. HUMDTY H	9.3
CHEM. SPRAY C	9.3
RADIATION R	9.3
AGING	9.3
SUBMERGENCE	9.3

QUALIF QUALIFIED
STATUS
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PHYS DWG REF: 2998G-395
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 9.3

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #1915

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3

REVISION # :03
DATE :08/30/82

SYSTEM :SHIELD BLDG. VENT
TAG :ZS-25-83

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1850

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-31	OPERABIL-ITY /NORM/TEST /DBA	40 YRS < 60 SEC POST DBA <30000CYCL	SEE REF 1	SL2-FSAR TBL 311-2 OPER REVIEW	SEE REF 1	COMB TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES TYPE									ACCEL TEMP: REF 1
COMPONENT: POSITION SWITCH	TEMPERAT-URE	90.OF NORM 117F1200HR 109FDESIGN	SEE REF 1	TAB27F SL2-FSAR TABLE311-1 T395	SEE REF 1	COMB TEST & EXTRA-POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER:NAMCO									MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF 1	PAB27 SL2-FSAR TABLE311-1 P394	SEE REF 1	COMB TEST & EXTRA-POL'N	M	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: EA740 SERIES	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	SEE REF 1	HAB27F SL2-FSAR TABLE311-1 H395	SEE REF 1	COMB TEST & EXTRA-POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE VLV I-FCV25-12 SYSTEM 2HVE-6B									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF 1	CAB27 SL2-FSAR TABLE311-1	SEE REF 1	COMB TEST & EXTRA-POL'N	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	SEE REF 1	RAB27J SL2-FSAR TABLE311-1 R395	SEE REF 1	COMB TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS:114									
P.O #:422537 CWD # : 0499/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB27									
COORDINATES X- 602.00 Y- 1518.00 Z- 43.0	SUBMERGED	NOT APPLICABLE	SEE REF 1	NOT APPLICABLE	SEE REF 1	COMB TEST & EXTRA-POL'N	/	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): LTR INSTAL. REF:BY-FLD QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3
**********	OPERABILITY	9.3							
QUALIF QUALIFIED	TEMPERATURE T	9.3							
STATUS	PRESSURE P	9.3							
********	REL. HUMDTY H	9.3							
*	CHEM. SPRAY C	9.3	REFERENCES: 1.LIMIT SWITCHES ARE ENVELOPED IN PACKAGE 3.2/9.3. SEE CES #1915						
**********	RADIATION R	9.3							
PHYS DWG REF: 2998G-395	AGING	9.3							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	9.3							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 9.3	SAR ENV CAT: D								SYSTEM :HEATING & VENTILATING
	0588 CATEG.: A								TAG :ZS-25-31
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1851

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : ZS-25-32	OPERABIL-ITY NORM/TEST DBA	40 YRES < 60 SEC POST DBA <30000CYCL	SEE REF 1	SL2-FSAR TBL 3.11-2 OPER REVIEW	SEE REF 1	COMB TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1 ACCEL TEMP: REF 1
EQUIPMENT: LIMIT SWITCHES TYPE									
COMPONENT: POSITION SWITCH	TEMPERAT-URE	90.OF NORM 117F1200HR 109FDESIGN	SEE REF 1	TAB27F SL2-FSAR TABLE311-1 T395	SEE REF 1	COMB TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER:NAMCO									MAINTAIN.: REF 1
MAJOR : NOT SUPPLIER APPLICABLE	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF 1	PAB27 SL2-FSAR TABLE311-1 P394	SEE REF 1	COMB TEST & EXTRA- POL'N	M	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED
MODEL AND: EA740 SERIES SERIAL #	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H	SEE REF 1	HAB27F SL2-FSAR TABLE311-1	SEE REF 1	COMB TEST & EXTRA-	/	NONE	SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT.
FUNCT.DES: VLV FCV-25-11 & SERVICE SYSTEM 2HVE-6A		39% DESIGN		H395		POL'N			
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF 1	CAB27 SL2-FSAR TABLE311-1	SEE REF 1	COMB TEST & EXTRA- POL'N	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	SEE REF 1	RAB27J SL2-FSAR TABLE311-1 R395	SEE REF 1	COMB TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:114									
P.O #:422537 CWD # : 0499/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB27									
COORDINATES X- 606.00 Y- 1537.00 Z- 47.0	SUBMERGED	NOT APPLICABLE	SEE REF 1	NOT APPLICABLE	SEE REF 1	COMB TEST & EXTRA- POL'N	/	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): LTR INSTAL. REF:BY-FLD QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	9.3
TEMPERATURE T	9.3
PRESSURE P	9.3
REL. HUMDTY H	9.3
CHEM.-SPRAY C	9.3
RADIATION R	9.3
AGING	9.3
SUBMERGENCE	9.3

QUALIF QUALIFIED
STATUS

PHYS DWG REF: 2998G-395
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 9.3

SAR ENV CAT: D
O588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.LIMIT SWITCHES ENVELOPED IN PACKAGE 3.2/9.3.
SEE CES #1915

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3

REVISION # :03
DATE :08/30/82

SYSTEM :HEATING & VENTILATING
TAG :ZS-25-32

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1852

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. (2)	QUALIF.	DOCUMENTATION ACTUAL (3)	DEM. (4)	QUALIF.	METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-33	OPERABIL-ITY NORM/TEST DBA	40 YRS < 60 SEC POST DBA <30000CYCL	SEE REF 1		SL2-FSAR TBL3.11-2 OPER REVIEW	SEE REF 1		COMB TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES TYPE	TEMPERAT-URE	90.0F NORM 117F1200HR 109FDESIGN	SEE REF 1		TAB27F SL2-FSAR TABLE311-1 T395	SEE REF 1		COMB TEST & EXTRA- POL'N	M	NONE	ACCEL TEMP: REF 1
COMPONENT: POSITION SWITCH											REPLACEMENT: REF 1
MANUFACTURER: NAMCO	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF 1		PAB27 SL2-FSAR TABLE311-1 P394	SEE REF 1		COMB TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE											SUBCOMPONENTS:
MODEL AND SERIAL # : EA 740 SERIES	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	SEE REF 1		HAB27F SL2-FSAR TABLE311-1 H395	SEE REF 1		COMB TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT.
FUNCT.DES & SERVICE: VLV I-FCV25-11 SYSTEM 2HVE-6A											
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF 1		CAB27 SL2-FSAR TABLE311-1	SEE REF 1		COMB TEST & EXTRA- POL'N	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	SEE REF 1		RAB27J SL2-FSAR TABLE311-1 R395	SEE REF 1		COMB TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 114	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	SEE REF 1		10CFR50 PARA 50.51	SEE REF 1		COMB TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
P.O #: 422537 CWD # : 0499/											
PLANT LOC.: AB27											
COORDINATES X- 606.00 Y- 1537.00 Z- 47.0	SUBMERGED	NOT APPLICABLE	SEE REF 1		NOT APPLICABLE	SEE REF 1		COMB TEST & EXTRA- POL'N	/	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): LTR INSTAL. REF: BY-FLD QUALIF EXEMPTN: NOT APPLIC											

PARAMETER	SUPPL. REVIEW
OPERABILITY	9.3
TEMPERATURE T	9.3
PRESSURE P	9.3
REL. HUMDTY H	9.3
CHEM. SPRAY C	9.3
RADIATION R	9.3
AGING	9.3
SUBMERGENCE	9.3
SAR ENV CAT: D	
0588 CATEG.: A	
APPENDIX E	

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1. LIMIT SWITCHES ENVELOPED IN PACKAGE 3.2/9.3. SEE CES #1915

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 9.3

REVISION # : 03
DATE : 08/30/82

SYSTEM : HEATING & VENTILATING
TAG : ZS-25-33

QUALIF QUALIFIED
STATUS
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PHYS DWG REF: 2998G-395
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 9.3

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1853

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-35	OPERABIL-ITY	40 YRS	SEE REF 1	SL2-FSAR	SEE REF 1	COMB	/	NONE	ACCEL TIME: REF 1
	NORM/TEST	<60 SEC		TBL3.11-2		TEST &			
EQUIPMENT: LIMIT SWITCHES	DBA	POST DBA		OPER		EXTRA-			ACCEL TEMP:
TYPE		<30000CYCL		REVIEW		POL'N			REF 1
	TEMPERAT-URE	90.OF NORM	SEE REF 1	TAB27B	SEE REF 1	COMB	M	NONE	
COMPONENT: POSITION SWITCH				SL2-FSAR		TEST &			REPLACEMENT:
		117F1200HR		TABLE311-1		EXTRA-			REF 1
		109FDESIGN		T395		POL'N			
MANUFACTURER:NAMCO									MAINTAIN.:
	PRESSURE	ATMOS NORM	SEE REF 1	PAB27	SEE REF 1	COMB	M	NONE	REF 1
		OPSIG		SL2-FSAR		TEST &			
MAJOR SUPPLIER : NOT APPLICABLE		(ACC. DBA)		TABLE311-1		EXTRA-			SUBCOMPONENTS:
				P394		POL'N			
MODEL AND: EA740 SERIES	RELATIVE HUMIDITY	60.0% NORM	SEE REF 1	HAB27B	SEE REF 1	COMB	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT.
SERIAL #				SL2-FSAR		TEST &			
		62.0%1200H		TABLE311-1		EXTRA-			
FUNCT.DES: VLV I-FCV25-13		39% DESIGN		H395		POL'N			
& SERVICE SYS 2HVE-6A&B	CHEMICAL SPRAY	AREA NOT	SEE REF 1	CAB27	SEE REF 1	COMB	M	NONE	
		SUBJECT TO		SL2-FSAR		TEST &			
		CHEMICAL		TABLE311-1		EXTRA-			
ACCUR. SPEC: NOT APPLICABLE		SPRAY				POL'N			
	R 2 HR	810 1.0E5	SEE REF 1	RAB27K	SEE REF 1	COMB	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	A 30 D	7.4E5 6.6E6		SL2-FSAR		TEST &			
	D 1 YR	1.1E6 6.6E6		TABLE311-1		EXTRA-			
	. 40YR/RW	2.0E4 6.6E6		R395		POL'N			
SPECIFICATIONS:114									
	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	SEE REF 1	10CRF50 PARA 50.51	SEE REF 1	COMB	/	NONE	SAFETY FUNCTION: PAM
P.O #:422537 CWD # : /						TEST &			
						EXTRA-			
PLANT LOC.: AB27						POL'N			
	SUBMERGED	NO	SEE REF 1	SAB27	SEE REF 1	COMB	M	NONE	
COORDINATES X- 586.00		AREA		SL2-FSAR		TEST &			
Y- 1531.00		FLOODING		TABLE311-1		EXTRA-			AUTH. REFERENCE:
Z- 43.0						POL'N			3.11-2
INSTALLED (Y/N): LTR									
INSTAL. REF:BY-FLD	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	9.3							
**********	TEMPERATURE T	9.3							
QUALIF QUALIFIED	PRESSURE P	9.3							
STATUS	REL. HUMDTY H	9.3							
********	CHEM. SPRAY C	9.3	REFERENCES: 1.LIMIT SWITCHES ENVELOPED IN PACKAGE 3.2/9.3. SEE CES #1915						
*	RADIATION R	9.3							
**********	AGING	9.3							REVISION # :03
PHYS DWG REF: 2998G-395	SUBMERGENCE S	9.3							DATE :08/30/82
PHYS DWG LOC:									
MOUNTING : NOT APPLICABLE	SAR ENV CAT: D								SYSTEM :HEATING & VENTILATING
EQ PACK # : 9.3	0588 CATEG.: A								TAG :ZS-25-35
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1854

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-36	OPERABIL-ITY NORM/TEST DBA	40 YRS <1 MIN POST DBA	40 YRS 100100 CYC 400 HOURS POST DBA	SL2-FSAR TBL 3.11-2	PG 4-18, 4-21,27 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 400 HRS ACCEL TEMP: 284F
EQUIPMENT: LIMIT SWITCHES TYPE									
COMPONENT: POSITION SWITCH	TEMPERATURE	85.5F NORM 112F1200HR 104FDESIGN	194F NORM 248F ACC	TAB24H SL2-FSAR TABLE311-1 T390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: FIGS.8-12 OF NAMCO REPORT
MANUFACTURER: NAMCO									MAINTAIN.: FIGS.8-12 OF NAMCO REPORT
MAJOR SUPPLIER : AMERICAN WARMING	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM AND ACC DBA	PAB24 SL2-FSAR TABLE311-1 P390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND SERIAL # : EA1801302 (REF. 3)	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24H SL2-FSAR TABLE311-1 H390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: & SERVICE DAMPER D-5A ECCS EXHAUST SYSTEM	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	260 4.0E5 3.0E5 2.0E6 4.5E5 3.5E6 5.0E4 2.0E6	2.04E8 RADS TOTAL INTEGRATED DOSE	RAB24K SL2-FSAR TABLE311-1 R390	PG-12.7 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 780E									
P.O #:422617 CWD # : 0466/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50	PG 4-20,27 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB24									
COORDINATES X- 558.0 Y- 1451.0 Z- 5.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	NOT APPLICALBE	N/A	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0651	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 9.1
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	9.1							
QUALIF QUALIFIED	TEMPERATURE T	9.1							
STATUS	PRESSURE P	9.1							
********	REL. HUMDTY H	9.1							
*	CHEM. SPRAY C	9.1	REFERENCES: 1)NAMCO REPORT QTR-107 DATED 03/81						
**********	RADIATION R	9.1							
PHYS DWG REF: 2998G-390	AGING	9.1	2)IEEE 323-74,382-72						REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	9.1	3)MODEL# VERIFIED TO BE EA1801302 AS PER FV SHEET#0651						DATE :08/30/82
MOUNTING : N/A									
EQ PACK # : 9.1	SAR ENV CAT: D								SYSTEM :ECCS VENTILATING
	0588 CATEG.: A								TAG :ZS-25-36
	APPENDIX E								

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1855

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-37	OPERABIL-ITY	40 YRS <2000CYCLS 180 DAYS	40 YRS 100100CYCL >200 DAYS	SL2-FSAR TABLE311-2 OPER RVIEW	IPG 4-21,27 OF [REF 1]	COMB. TEST & EXTRA-	/	NONE	ACCEL TIME: 400 HRS
EQUIPMENT: LIMIT SWITCHES TYPE	NORM/TEST DBA	POST DBA	POST DBA		REF 2	POL'N			ACCEL TEMP: 284F
COMPONENT: POSITION SWITCH	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	194F NORM 248F ACC	TAB24H SL2-FSAR TABLE311-1 T390	IPG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: FIGS.8-12 OF NAMCO REPORT
MANUFACTURER:NAMCO	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM AND ACC DBA	PAB24 SL2-FSAR TABLE311-1 P390	IPG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: FIGS.8-12 OF NAMCO REPORT
MAJOR : AMERICAN SUPPLIER WARMING									SUBCOMPONENTS:
MODEL AND: EA1801302 SERIAL #	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24H SL2-FSAR TABLE311-1 H390	IPG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: D-5A & SERVICE									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	260 4.0E5 3.0E5 2.0E6 4.5E5 3.5E6 5.0E4 2.0E6	2.04E8RADS TOTAL INTEGRATED DOSE	RAB24K SL2-FSAR TABLE311-1 R390	IPG 12-7 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	3
SPECIFICATIONS:780E									
P.O #:422617 CWD # : 0466/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	IPG 4-20,27 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB24									
COORDINATES X- 560.0 Y- 1451.0 Z- 5.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES INSTAL. REF:FV0550 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.1
********** *QUALIF* QUALIFIED *STATUS* ******** * **********	OPERABILITY	9.1							
	TEMPERATURE T	9.1							
	PRESSURE P	9.1							
	REL. HUMDTY H	9.1							
	CHEM. SPRAY C	9.1	REFERENCES: 1)NAMCO REPORT QTR-107 OF 3/81 2)QUAL TO IEEE323-74,382-72 3)EXACT MODELS TO BE FIELD VERIFIED						3
	RADIATION R	9.1							
	AGING	9.1							
	SUBMERGENCE S	9.1							
PHYS DWG REF: 2998G-390 PHYS DWG LOC: MOUNTING : N/A EQ PACK # : 9.1	SAR ENV CAT: D 0588 CATEG.: A APPENDIX E								REVISION # :03 DATE :08/30/82 SYSTEM :ECCS VENTILATING TAG :ZS-25-37

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1856

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-38	OPERABIL-ITY NORM/TEST DBA	40 YRS <2000CYCLS <1 MIN POST DBA	40 YRS 100100CYCL 400 HOURS POST DBA	SL2-FSAR TABLE311-2 OPER RVIEW	PG 4-21,27 & 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 400 HRS
EQUIPMENT: LIMIT SWITCHES TYPE									ACCEL TEMP: 284F
COMPONENT: POSITION SWITCH	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	194F NORM 248F ACC	TAB24H SL2-FSAR TABLE311-1 T390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: FIGS.8-12 OF NAMCO REPORT
MANUFACTURER:NAMCO									MAINTAIN.:
MAJOR : AMERICAN SUPPLIER WARMING	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM AND ACC DBA	PAB24 SL2-FSAR TABLE311-1 P390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	FIGS.8-12 OF NAMCO REPORT SUBCOMPONENTS:
MODEL AND: EA180310302 SERIAL # (REF.3)	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24H SL2-FSAR TABLE311-1 H390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: D-5B & SERVICE									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	260 4.0E5 3.0E5 2.0E6 4.5E5 3.5E6 5.0E4 2.0E6	2.04E8RADS TOTAL INTEGRATED DOSE	RAB24K SL2-FSAR TABLE311-1 R390	PG 12-7 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	3
SPECIFICATIONS:780E									
P.O #:422617 CWD # : 0466/	AGE- INST LIFE (PER 323- 1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20,27 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB24									
COORDINATES X- 555.0 Y- 1451.0 Z- 5.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES INSTAL. REF:FV0551 QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	9.1
TEMPERATURE T	9.1
PRESSURE P	9.1
REL. HUMDTY H	9.1
CHEM. SPRAY C	9.1
RADIATION R	9.1
AGING	9.1
SUBMERGENCE S	9.1

QUALIF QUALIFIED
STATUS

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 9.1

SAR ENV CAT: D
0588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1)NAMCO REPORT QTR-107 OF 3/81
2)QUAL TO IEEE323-74,382-72
3)MODEL NUMBER WAS FIELD VERIFIED TO BE EA180310302 AS PER FV SHEET#0551.

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.1

REVISION # :03
DATE :08/30/82

SYSTEM :ECCS VENTILATING
TAG :ZS-25-38

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1857

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : ZS-25-39	OPERABIL-ITY	40 YRS <2000CYCLS	40 YRS 100100CYCL	SL2-FSAR TABLE311-2	PG 4-18, 4-21,4-27	COMB. TEST &	/	NONE	ACCEL TIME: 400 HRS
EQUIPMENT: LIMIT SWITCHES	NORM/TEST DBA	<1 MIN POST DBA	400 HOURS POST DBA	OPER RVIEW	OF [REF.1] REF 2	EXTRA- POL'N			ACCEL TEMP: 284F
TYPE	TEMPERAT-URE	85.5F NORM 112F120OHR 104FDESIGN	194F NORM 248F ACC	TAB24H SL2-FSAR TABLE311-1 T390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: FIGS.8-12 OF NAMCO REPORT
COMPONENT: POSITION SWITCH									
MANUFACTURER:NAMCO									MAINTAIN.: 3
MAJOR : AMERICAN SUPPLIER WARMING	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM AND ACC DBA	PAB24 SL2-FSAR TABLE311-1 P390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	FIGS.8-12 OF NAMCO REPORT SUBCOMPONENTS:
MODEL AND: EA18032302 SERIAL # (REF.3)	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24H SL2-FSAR TABLE311-1 H390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: D-5B & SERVICE									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR 40YR/RW	260 4.0E5 3.0E5 2.0E6 4.5E5 3.5E6 5.0E4 2.0E6	2.04E8RADS TOTAL INTEGRATED DOSE	RAB24K SL2-FSAR TABLE311-1 R390	PG 12-7 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:780E									3
P.O #:422617 CWD # : 0466/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20,27 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB24									
COORDINATES X- 556.0 Y- 1451.0 Z- 5.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF:FV0552	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	9.1							
QUALIF QUALIFIED	TEMPERATURE	T 9.1							
STATUS	PRESSURE	P 9.1							
********	REL. HUMDTY	H 9.1							
*	CHEM. SPRAY	C 9.1							
	RADIATION	R 9.1	REFERENCES: 1)NAMCO REPORT QTR-107 OF 3/81 2)QUAL TO IEEE323-74,382-72 3)MODEL NUMBER VERIFIED TO BE EA18032302 AS PER FV SHEET#						3
PHYS DWG REF: 2998G-390	AGING	9.1							REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	SUBMERGENCE	S 9.1							
MOUNTING : N/A									
EQ PACK # : 9.1	SAR ENV CAT: D 0588 CATEG.: A APPENDIX E								SYSTEM :ECCS VENTILATING TAG :ZS-25-39

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1858

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : ZS-25-4	OPERABIL-ITY NORM/TEST DBA	40YRS CON < 60 SEC POST DBA <30000CYCL	SEE REF 1	SL2-FSAR TBL 3.11-2 OPER REVW	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES TYPE									ACCEL TEMP: REF 1
COMPONENT: POSITION SWITCH	TEMPERAT-URE	110F NORM FIG. 10 (ACC. DBA) 119FDESIGN	SEE REF 1	TRB19 SL2-FSAR TABLE311-1	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER:NAMCO									MAINTAIN.: REF 1
MAJOR : NOT SUPPLIER APPLICABLE	PRESSURE	-.5PSIGNRM SL2-FSAR FIG 6.2-55 (ACC. DBA)	SEE REF 1	PRB19 SL2-FSAR TABLE311-1 P365	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: EA-74080100 SERIAL #	RELATIVE HUMIDITY	65% 100% (ACC. DBA)	SEE REF 1	HRB19 SL2-FSAR TABLE311-1 H365	SEE REF 1	COMB TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: VLV I-FCV-25-2 & SERVICE CONT.PURGE INTAKE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF 1	CRB19 SL2-FSAR TABLE311-1 C365	SEE REF 1	N/A	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	SEE REF 1	RRB19 SL2-FSAR TABLE311-1 R365	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:									
P.O #:422537 CWD # : 512 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: RB19									
COORDINATES X- 626 * Y- 1540 * Z- 33.0	SUBMERGED	NO AREA FLOODING	SEE REF 1	SRB19 SL2-FSAR TABLE311-1 S365	SEE REF 1	N/A	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF:FV0255	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	9.3							
QUALIF QUALIFIED	TEMPERATURE T	9.3							
STATUS	PRESSURE P	9.3							
	REL. HUMDTY H	9.3							
	CHEM. SPRAY C	9.3	REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #0442						
	RADIATION R	9.3							
PHYS DWG REF: 2998G-365	AGING	9.3							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	9.3							DATE :08/30/82
MOUNTING : N/A									
EQ PACK # : 9.3	SAR ENV CAT: A								SYSTEM :CONTAINMENT PURGE
	0588 CATEG.: A								TAG :ZS-25-4
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1859

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-40	OPERABILITY NORM/TEST DBA	40 YRS <2000CYCLS 180 DAYS POST DBA	40 YRS 100100CYCL >200 DAYS POST DBA	SL2-FSAR TABLE311-2 OPER RVIEW	PG 4-21,27 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 400 HRS
EQUIPMENT: LIMIT SWITCHES TYPE	TEMPERATURE	85.5F NORM 112F1200HR 104FDESIGN	194F NORM 248F ACC	TAB24H SL2-FSAR TABLE311-1 T390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	ACCEL TEMP: 284F REPLACEMENT: FIGS.8-12 OF NAMCO REPORT
COMPONENT: POSITION SWITCH	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM AND ACC DBA	PAB24 SL2-FSAR TABLE311-1 P390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: FIGS.8-12 OF NAMCO REPORT
MANUFACTURER:NAMCO MAJOR : AMERICAN SUPPLIER WARMING	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24H SL2-FSAR TABLE311-1 H390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND: EA18031302 SERIAL #	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
FUNCT.DES: D-6A & SERVICE ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	260 4.0E5 3.0E5 2.0E6 4.5E5 3.5E6 5.0E4 2.0E6	2.04E8RADS TOTAL INTEGRATED DOSE	RAB24K SL2-FSAR TABLE311-1 R390	PG 12-7 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:780E P.O #:422617 CWD # : 0467/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20,27 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB24 COORDINATES X- 560.0 Y- 1419.0 Z- 5.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES INSTAL. REF:FV0554 QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	9.1
TEMPERATURE T	9.1
PRESSURE P	9.1
REL. HUMDTY H	9.1
CHEM. SPRAY C	9.1
RADIATION R	9.1
AGING	9.1
SUBMERGENCE S	9.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)NAMCO REPORT QTR-107 OF 3/81
2)QUAL TO IEEE323-74,382-72

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.1

REVISION # :03
DATE :08/30/82

SYSTEM :ECCS VENTILATING
TAG :ZS-25-40

****
QUALIF QUALIFIED
STATUS
****
*
****

PHYS DWG REF: 2998G-390
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 9.1

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1861

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-42	OPERABIL-ITY	40 YRS <1 MIN	40 YRS 400 HOURS	SL2-FSAR TABLE311-2	PG 4-18, 4-21,4-27	COMB. TEST &	/	NONE	ACCEL TIME: 400 HRS
EQUIPMENT: LIMIT SWITCHES	NORM/TEST DBA	180 DAYS POST DBA	>200 DAYS POST DBA	OPER RVIEW	OF [REF.1] REF 2	EXTRA-POL'N			ACCEL TEMP: 284F
TYPE									
COMPONENT: POSITION SWITCH	TEMPERATURE	85.5F NORM 112F1200HR 104FDESIGN	194F NORM 248F ACC	TAB24H SL2-FSAR TABLE311-1 T390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA-POL'N	M	NONE	REPLACEMENT: FIGS.8-12 OF NAMCO REPORT
MANUFACTURER:NAMCO									MAINTAIN.:
MAJOR : AMERICAN SUPPLIER WARMING	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM AND ACC DBA	PAB24 SL2-FSAR TABLE311-1 P390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA-POL'N	M	NONE	FIGS.8-12 OF NAMCO REPORT SUBCOMPONENTS:
MODEL AND: EA18031302 SERIAL # (REF.3)	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24H SL2-FSAR TABLE311-1 H390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA-POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: D-6B & SERVICE									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	260 4.0E5 3.0E5 2.0E6 4.5E5 3.5E6 5.0E4 2.0E6	2.04E8RADS TOTAL INTEGRATED DOSE	RAB24K SL2-FSAR TABLE311-1 R390	PG 12-7 OF [REF 1] REF 2	COMB. TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS:780E									
P.O #:422617 CWD # : 0467/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20,27 OF [REF 1] REF 2	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB24									
COORDINATES X- 555. 0 Y- 1419. 0 Z- 5.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES INSTAL. REF:FV0555 QUALIF EXEMPTN: NOT APPLIC	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.1
**********	OPERABILITY	9.1							
QUALIF QUALIFIED	TEMPERATURE T	9.1							
STATUS	PRESSURE P	9.1							
********	REL. HUMDTY H	9.1							
*	CHEM. SPRAY C	9.1	REFERENCES: 1)NAMCO REPORT QTR-107 OF 3/81						
**********	RADIATION R	9.1	2)QUAL TO IEEE323-74,382-72						
PHYS DWG REF: 2998G-390	AGING	9.1	3)MODEL NUMBER WAS FIELD VERIFIED TO BE EA18031302 AS PER FV SHEET#0555.						REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	SUBMERGENCE S	9.1							
MOUNTING : N/A									
EQ PACK # : 9.1	SAR ENV CAT: D 0588 CATEG.: A APPENDIX E								SYSTEM :ECCS VENTILATING TAG :ZS-25-42

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1863

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-44	OPERABIL-ITY	40 YRS <2000CYCLS	40 YRS 100100CYCL	SL2-FSAR TABLE311-2	PG 4-18, 4-21,4-27	COMB. TEST &	/	NONE	ACCEL TIME: 400 HRS
EQUIPMENT: LIMIT SWITCHES TYPE	NORM/TEST DBA	<1 MIN POST DBA	400 HOURS POST DBA	OPER RVIEW	OF [REF.1] REF 2	EXTRA-POL'N			ACCEL TEMP: 284F
COMPONENT: POSITION SWITCH	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	194F NORM 248F ACC	TAB24I SL2-FSAR TABLE311-1 T390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA-POL'N	M	NONE	REPLACEMENT: FIGS.8-12 OF NAMCO REPORT
MANUFACTURER:NAMCO									MAINTAIN.: FIGS.8-12 OF NAMCO REPORT
MAJOR : AMERICAN SUPPLIER WARMING	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM AND ACC DBA	PAB24 SL2-FSAR TABLE311-1 P390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA-POL'N	M	NONE	SUBCOMPONENTS:
MODEL AND: EA-170 SERIES SERIAL # SEE REF 3	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24I SL2-FSAR TABLE311-1 H390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA-POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: D-9A & SERVICE									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.04E8RADS TOTAL INTEGRATED DOSE	RAB24M SL2-FSAR TABLE311-1 R390	PG 12-7 OF [REF 1] REF 2	COMB. TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS:780E									
P.O #:422617 CWD # : 0462/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20,27 OF [REF 1]	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB24					REF 2				
COORDINATES X- 547. 0 Y- 1515. 0 Z- 15.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES INSTAL. REF:FV0556 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.1
**********	OPERABILITY	9.1							
QUALIF QUALIFIED	TEMPERATURE T	9.1							
STATUS	PRESSURE P	9.1							
********	REL. HUMDTY H	9.1							
*	CHEM. SPRAY C	9.1	REFERENCES: 1)NAMCO REPORT QTR-107 OF 3/81						
**********	RADIATION R	9.1	2)QUAL TO IEEE323-74,382-72						
PHYS DWG REF: 2998G-390	AGING	9.1	3)MODEL NUMBER WAS FIELD VERI-FIED TO BE EA18031302 AS PER FV SHEET#0556						REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	SUBMERGENCE S	9.1							
MOUNTING : N/A									
EQ PACK # : 9.1	SAR ENV CAT: D								SYSTEM :ECCS VENTILATING
	0588 CATEG.: A								TAG :ZS-25-44
	APPENDIX E								

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1866

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-45	OPERABIL-ITY NORM/TEST DBA	40 YRS <2000CYCLS <1 MIN POST DBA	40 YRS 100100CYCL 400 HOURS POST DBA	SL2-FSAR TABLE311-2 OPER RVIEW	PG 4-18, 4-21,4-27 OF [REF.1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 400 HRS
EQUIPMENT: LIMIT SWITCHES TYPE									ACCEL TEMP: 284F
COMPONENT: POSITION SWITCH	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	194F NORM 248F ACC	TAB24I SL2-FSAR TABLE311-1 T390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: FIGS.8-12 OF NAMCO REPORT
MANUFACTURER:NAMCO									MAINTAIN.:
MAJOR : AMERICAN SUPPLIER WARMING	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM AND ACC DBA	PAB24 SL2-FSAR TABLE311-1 P390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	FIGS.8-12 OF NAMCO REPORT SUBCOMPONENTS:
MODEL AND: EA-170 SERIES SERIAL # SEE REF 3	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24I SL2-FSAR TABLE311-1 H390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: D-9A & SERVICE									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.04E8RADS TOTAL INTEGRATED DOSE	RAB24M SL2-FSAR TABLE311-1 R390	PG 12-7 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:780E									
P.O #:422617 CWD # : 0462/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20,27 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB24									
COORDINATES X- 546. 0 Y- 1515. 0 Z- 15.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF:FV0557	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	9.1							
QUALIF QUALIFIED	TEMPERATURE T	9.1							
STATUS	PRESSURE P	9.1							
	REL. HUMDTY H	9.1							
	CHEM. SPRAY C	9.1	REFERENCES: 1)NAMCO REPORT QTR-107 OF 3/81						
	RADIATION R	9.1	2)QUAL TO IEEE323-74,382-72						
PHYS DWG REF: 2998G-390	AGING	9.1	3)MODEL NUMBER WAS FIELD VERI-FIED TO BE EA18031302 AS PER FV SHEET#0557						REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	SUBMERGENCE S	9.1							
MOUNTING : N/A									SYSTEM :ECCS VENTILATING
EQ PACK # : 9.1	SAR ENV CAT: D 0588 CATEG.: A APPENDIX E								TAG :ZS-25-45

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1869

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-46	OPERABIL-ITY NORM/TEST	40 YRS <2000CYCLS <1 MIN	40 YRS 100100CYCL 400 HOURS	SL2-FSAR TABLE311-2 OPER RVIEW	PG 4-18, 4-21,4-27 OF [REF.1]	COMB. TEST & EXTRA-	/	NONE	ACCEL TIME: 400 HRS
EQUIPMENT: LIMIT SWITCHES TYPE	DBA	POST DBA	POST DBA		REF 2	POL'N	.		ACCEL TEMP: 284F
COMPONENT: POSITION SWITCH	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	194F NORM 248F ACC	TAB24I SL2-FSAR TABLE311-1 T390	PG 4-18 OF [REF 1]	COMB. TEST & EXTRA-	M	NONE	REPLACEMENT: FIGS.8-12 OF NAMCO REPORT
MANUFACTURER:NAMCO					REF 2	POL'N			MAINTAIN.:
MAJOR : AMERICAN SUPPLIER WARMING	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM AND ACC DBA	PAB24 SL2-FSAR TABLE311-1 P390	PG 4-18 OF [REF 1]	COMB. TEST & EXTRA-	M	NONE	FIGS.8-12 OF NAMCO REPORT SUBCOMPONENTS:
MODEL AND: EA-170 SERIES SERIAL # SEE REF 3	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24I SL2-FSAR TABLE311-1 H390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: D-98 & SERVICE									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.04E8RADS TOTAL INTEGRATED DOSE	RAB24M SL2-FSAR TABLE311-1 R390	PG 12-7 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:780E									
P.O #:422617 CWD # : 0464/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20,27 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB24									
COORDINATES X- 551. 0 Y- 1515. 0 Z- 15.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF:FV0558	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	9.1							
QUALIF QUALIFIED	TEMPERATURE	T 9.1							
STATUS	PRESSURE	P 9.1							
	REL. HUMDTY	H 9.1							
	CHEM. SPRAY	C 9.1							
	RADIATION	R 9.1	REFERENCES: 1)NAMCO REPORT QTR-107 OF 3/81 2)QUAL TO IEEE323-74,382-72 3)MODEL NUMBER WAS FIELD VERIFIED TO BE EA18031302 AS PER FV SHEET#0558						
PHYS DWG REF: 2998G-390	AGING	9.1							
PHYS DWG LOC:	SUBMERGENCE	S 9.1							REVISION # :03 DATE :08/30/82
MOUNTING : N/A									
EQ PACK # : 9.1	SAR ENV CAT: D 10588 CATEG.: A APPENDIX E								SYSTEM :ECCS VENTILATING TAG :ZS-25-46

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1872

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-47	OPERABIL-ITY NORM/TEST DBA	40 YRS <2000CYCLS 1 MIN POST DBA	40 YRS 100100CYCL 400 HOURS POST DBA	SL2-FSAR TABLE311-2 OPER RVIEW	PG 4-18, 4-21,4-27 OF [REF.1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 400 HRS
EQUIPMENT: LIMIT SWITCHES TYPE									ACCEL TEMP: 284F
COMPONENT: POSITION SWITCH	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	194F NORM 248F ACC	TAB24I SL2-FSAR TABLE311-1 T390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: FIGS.8-12 OF NAMCO REPORT 3
MANUFACTURER:NAMCO									MAINTAIN.:
MAJOR : AMERICAN SUPPLIER WARMING	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM AND ACC DBA	PAB24 SL2-FSAR TABLE311-1 P390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	FIGS.8-12 OF NAMCO REPORT SUBCOMPONENTS:
MODEL AND: EA-170 SERIES SERIAL # SEE REF 3	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	100%	HAB24I SL2-FSAR TABLE311-1 H390	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: D-98 & SERVICE									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.04E8RADS TOTAL INTEGRATED DOSE	RAB24M SL2-FSAR TABLE311-1 R390	PG 12-7 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	H	NONE
SPECIFICATIONS:780E									3
P.O #:422617 CWD # : 0464/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20,27 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB24									
COORDINATES X- 550. O Y- 1515. O Z- 15.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF:FV0559	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	9.1							
QUALIF. QUALIFIED *STATUS*	TEMPERATURE T	9.1							
	PRESSURE P	9.1							
	REL. HUMDTY H	9.1							
	CHEM. SPRAY C	9.1	REFERENCES: 1)NAMCO REPORT QTR-107 OF 3/81						3
	RADIATION R	9.1	2)QUAL TO IEEE323-74,382-72						
PHYS DWG REF: 2998G-390	AGING	9.1	3)MODEL NUMBER WAS FIELD VERI-FIED TO BE EA18031302 AS PER FV SHEET#0559						REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	9.1							DATE :08/30/82
MOUNTING : N/A									
EQ PACK # : 9.1	SAR ENV CAT: D								SYSTEM :ECCS VENTILATING
	0588 CATEG.: A								TAG :ZS-25-47
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1877

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-5	OPERABILITY NORM/TEST DBA	40 YRS CON < 60 SEC POST DBA <30000CYCL	SEE REF 1	SL2-FSAR TBL 3.11-2 OPER REVW	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES TYPE									ACCEL TEMP: REF 1
COMPONENT: POSITION SWITCH	TEMPERATURE	110F NORM FIG. 10 (ACC. DBA) 119FDESIGN	SEE REF 1	TRB19 SL2-FSAR TABLE311-1	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: NAMCO									MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	-.5PSIGNRM SL2-FSAR FIG 6.2-55 (ACC. DBA)	SEE REF 1	PRB19 SL2-FSAR TABLE311-1 P365	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: EA-74080100	RELATIVE HUMIDITY	65% 100% (ACC. DBA)	SEE REF 1	HRB19 SL2-FSAR TABLE311-1 H365	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE VLV I-FCV-25-2 CONT.PURGE INTAKE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF 1	CRB19 SL2-FSAR TABLE311-1 C365	SEE REF 1	N/A	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	SEE REF 1	RRB19 SL2-FSAR TABLE311-1 R365	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:									
P.O #:422537 CWD # : 512 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: RB19									
COORDINATES X- 626 * Y- 1540 * Z- 23	SUBMERGED	NO AREA FLOODING	SEE REF 1	SRB19 SL2-FSAR TABLE311-1 S365	SEE REF 1	N/A	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF: FV0256	PARA- METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	9.3							
QUALIF QUALIFIED *STATUS*	TEMPERATURE T	9.3							
	PRESSURE P	9.3							
	REL. HUMDTY H	9.3							
	CHEM. SPRAY C	9.3	REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES # 0442						
	RADIATION R	9.3							
PHYS DWG REF: 2998G-365	AGING	9.3							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	9.3							DATE :08/30/82
MOUNTING : N/A									
EQ PACK # : 9.3	SAR ENV CAT: A								SYSTEM :CONTAINMENT PURGE
	0588 CATEG.: A								TAG :ZS-25-5
	APPENDIX E								

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1878

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : ZS-25-50	OPERABILITY	40 YRS <2000CYCLS 180 DAYS POST DBA	40 YRS 100100CYCL >200 DAYS POST DBA	SL2-FSAR TABLE311-2 OPER RVIEW	PG 4-21.27 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 400 HRS
EQUIPMENT: LIMIT SWITCHES	NORM/TEST DBA								ACCEL TEMP: 284F
TYPE	TEMPERATURE	85.5F NORM 112F 120OHR 104F DESIGN	194F NORM 248F ACC	TAB25 SL2-FSAR TABLE311-1 T392	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: FIGS.8-12 OF NAMCO REPORT
COMPONENT: POSITION SWITCH									
MANUFACTURER:NAMCO	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM AND ACC DBA	PAB25 SL2-FSAR TABLE311-1 P392	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: FIGS.8-12 OF NAMCO REPORT SUBCOMPONENTS:
MAJOR : AMERICAN SUPPLIER WARMING									
MODEL AND: EA-170 SERIES SERIAL # SEE REF 3	RELATIVE HUMIDITY	70.0% NORM 72.0% 120OH 43% DESIGN	100%	HAB25 SL2-FSAR TABLE311-1 H392	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: D-16 & SERVICE									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	310 1.0E4 3.5E5 8.8E4 5.3E5 1.2E5 1.0E4 5.0E4	2.04E8RADS TOTAL INTEGRATED DOSE	RAB25I SL2-FSAR TABLE311-1 R393	PG 12-7 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS:780E									
P.O #:422617 CWD # : 0466/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20.27 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB27									
COORDINATES X- 577. 0 Y- 1513. 0 Z- 20.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF:FV0257	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	9.1							
QUALIF QUALIFIED	TEMPERATURE T	9.1							
STATUS	PRESSURE P	9.1							
	REL. HUMDTY H	9.1							
	CHEM. SPRAY C	9.1							
	RADIATION R	9.1	REFERENCES: 1)NAMCO REPORT QTR-107 OF 3/81 2)QUAL TO IEEE323-74,382-72 3)EXACT MODELS TO BE FIELD VERIFIED						
PHYS DWG REF: 2998G-392	AGING	9.1							REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	SUBMERGENCE S	9.1							
MOUNTING : N/A									
EQ PACK # : 9.1	SAR ENV CAT: E 0588 CATEG.: A APPENDIX E								SYSTEM :SHIELD BLDG. VENT TAG :ZS-25-50

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1880

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : ZS-25-52	OPERABILITY NORM/TEST DBA	40 YRS <2000CYCLS <1 MIN POST DBA	40 YRS 100100CYCL 400 HOURS POST DBA	SL2-FSAR TABLE311-2 OPER RVIEW	PG 4-18, 4-21, 4-27 OF [REF.1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 400 HRS
EQUIPMENT: LIMIT SWITCHES TYPE									ACCEL TEMP: 284F
COMPONENT: POSITION SWITCH	TEMPERATURE	90.OF NORM 117F1200HR 109FDESIGN	194F NORM 248F ACC	TAB27B SL2-FSAR TABLE311-1 T395	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: FIGS.9-12 OF NAMCO REPORT
MANUFACTURER:NAMCO									MAINTAIN.:
MAJOR : AMERICAN SUPPLIER WARMING	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM AND ACC DBA	PAB27 SL2-FSAR TABLE311-1 P394	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	FIGS.8-12 OF NAMCO REPORT SUBCOMPONENTS:
MODEL AND: EA-170 SERIES SERIAL # SEE REF 3	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	100%	HAB27B SL2-FSAR TABLE311-1 H395	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: D-13 & SERVICE									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	2.04E8RADS TOTAL INTEGRATED DOSE	RAB27L SL2-FSAR TABLE311-1 R395	PG 12-7 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:780E									
P.O #:422617 CWD # : 0463/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20,27 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB27									
COORDINATES X- 557. O Y- 1535. O Z- 53.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF:FV0258	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.1
QUALIF EXEMPTN: NOT APPLIC									
QUALIF QUALIFIED	OPERABILITY	9.1							
STATUS	TEMPERATURE	T 9.1							
	PRESSURE	P 9.1							
	REL. HUMDTY	H 9.1							
	CHEM. SPRAY	C 9.1	REFERENCES: 1)NAMCO REPORT QTR-107 OF 3/81						
	RADIATION	R 9.1	2)QUAL TO IEEE323-74,382-72						
	AGING	9.1	3)EXACT MODELS TO BE FIELD VERIFIED						REVISION # :03
PHYS DWG REF: 2998G-395	SUBMERGENCE	S 9.1							DATE :08/30/82
PHYS DWG LOC:									
MOUNTING : N/A									SYSTEM :SHIELD BLDG. VENT
EQ PACK # : 9.1	SAR ENV CAT: D								TAG :ZS-25-52
	0588 CATEG.: A								
	APPENDIX E								

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1883

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : ZS-25-53	OPERABIL-ITY NORM/TEST DBA	40 YRS <2000CYCLS <1 MIN POST DBA	40 YRS 100100CYCL 400 HOURS POST DBA	SL2-FSAR TABLE311-2 OPER RVIEW	PG 4-18, 4-21,4-27 OF [REF.1] REF 2	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: 400 HRS
EQUIPMENT: LIMIT SWITCHES TYPE									ACCEL TEMP: 284F
COMPONENT: POSITION SWITCH	TEMPERAT-URE	90.OF NORM 117F1200HR 109FDESIGN	194F NORM 248F ACC	TAB27B SL2-FSAR TABLE311-1 T395	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA-POL'N	M	NONE	REPLACEMENT: FIGS.8-12 OF NAMCO REPORT
MANUFACTURER:NAMCO									MAINTAIN.:
MAJOR : AMERICAN SUPPLIER WARMING	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM AND ACC DBA	PAB27 SL2-FSAR TABLE311-1 P394	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA-POL'N	M	NONE	FIGS.8-12 OF NAMCO REPORT SUBCOMPONENTS:
MODEL AND: EA-170 SERIES SERIAL # SEE REF 3	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	100%	HAB27B SL2-FSAR TABLE311-1 H395	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA-POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: D-13 & SERVICE									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	2.04E8RADS TOTAL INTEGRATED DOSE	RAB27L SL2-FSAR TABLE311-1 R395	PG 12-7 OF [REF 1] REF 2	COMB. TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS:780E									
P.O #:422617 CWD # : 0463/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20,27 OF [REF 1] REF 2	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB27									
COORDINATES X- 557. 0 Y- 1533. 0 Z- 53.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO INSTAL. REF:FVO259 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.1
**********	OPERABILITY	9.1							
QUALIF QUALIFIED	TEMPERATURE T	9.1							
STATUS	PRESSURE P	9.1							
********	REL. HUMDTY H	9.1							
*	CHEM. SPRAY C	9.1							
**********	RADIATION R	9.1	REFERENCES: 1)NAMCO REPORT QTR-107 OF 3/81 2)QUAL TO IEEE323-74,382-72 3)EXACT MODELS TO BE FIELD VERIFIED						
PHYS DWG REF: 2998G-395	AGING	9.1							
PHYS DWG LOC:	SUBMERGENCE S	9.1							REVISION # :03 DATE :08/30/82
MOUNTING : N/A									
EQ PACK # : 9.1	SAR ENV CAT: D 0588 CATEG.: A APPENDIX E								SYSTEM :SHIELD BLDG. VENT TAG :ZS-25-53

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1886

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-54	OPERABIL-ITY	40 YRS	40 YRS	SL2-FSAR	PG 4-18,	COMB.	/	NONE	ACCEL TIME:
		<2000CYCLS	100100CYCL	TABLE311-2	4-21,4-27	TEST &			400 HRS
	NORM/TEST	<1 MIN	400 HOURS	OPER RVIEW	OF [REF.1]	EXTRA-			
EQUIPMENT: LIMIT SWITCHES	DBA	POST DBA	POST DBA		REF 2	POL'N			ACCEL TEMP:
TYPE									284F
	TEMPERAT-URE	90.OF NORM	194F NORM	TAB27B	PG 4-18	COMB.	M	NONE	
COMPONENT: POSITION SWITCH			248F ACC	SL2-FSAR	OF [REF 1]	TEST &			REPLACEMENT:
		117F1200HR		TABLE311-1		EXTRA-			FIGS.8-12 OF
		109FDESIGN		T395	REF 2	POL'N			NAMCO REPORT
MANUFACTURER:NAMCO									MAINTAIN.: 3
	PRESSURE	ATMOS NORM	ATMOS NORM	PAB27	PG 4-18	COMB.	M	NONE	FIGS.8-12 OF
		OPSIG	AND ACC	SL2-FSAR	OF [REF 1]	TEST &			NAMCO REPORT
MAJOR : AMERICAN		(ACC. DBA)	DBA	TABLE311-1		EXTRA-			SUBCOMPONENTS:
SUPPLIER WARMING				P394	REF 2	POL'N			
									NO UNIQUE TAGGED
MODEL AND: EA-170 SERIES	RELATIVE HUMIDITY	60.0% NORM	100%	HAB27B	PG 4-18 OF	COMB.	/	NONE	SUBCOMPONENTS ARE
SERIAL # SEE REF 3				SL2-FSAR	[REF 1]	TEST &			ENVELOPED BY THIS
		62.0%1200H		TABLE311-1		EXTRA-			EQUIPMENT
FUNCT.DES: D-14		39% DESIGN		H395	REF 2	POL'N			
& SERVICE									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
	R 2 HR	810 1.0E5	2.04E8RADS	RAB27L	PG 12-7 OF	COMB.	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	A 30 D	7.4E5 6.6E6	TOTAL	SL2-FSAR	[REF 1]	TEST &			
	D 1 YR	1.1E6 6.6E6	INTEGRATED	TABLE311-1		EXTRA-			
	. 40YR/RW	2.0E4 6.6E6	DOSE	R395	REF 2	POL'N			
SPECIFICATIONS:780E									
	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20,27 OF [REF 1]	COMB. TEST & EXTRA-	/	NONE	SAFETY FUNCTION: 3
P.O #:422617 CWD # : 0463/					REF 2	POL'N			PAM
PLANT LOC.: AB27									
COORDINATES X- 546. O	SUBMERGED	NO	NOT	SAB27	NOT	N/A	M	NONE	
Y- 1533. O		AREA	APPLICABLE	SL2-FSAR	APPLICABLE				
Z- 53.O		FLOODING		TABLE311-1					AUTH. REFERENCE:
INSTALLED (Y/N): NO									3.11-2
INSTAL. REF:FV0260									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	9.1
TEMPERATURE T	9.1
PRESSURE P	9.1
REL. HUMDTY H	9.1
CHEM. SPRAY C	9.1
RADIATION R	9.1
AGING	9.1
SUBMERGENCE S	9.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.1

REFERENCES:
1) NAMCO REPORT QTR-107 OF 3/81
2) QUAL TO IEEE323-74,382-72
3) EXACT MODELS TO BE FIELD VERIFIED

REVISION # :03 3
DATE :08/30/82

SYSTEM :SHIELD BLDG. VENT
TAG :ZS-25-54

QUALIF QUALIFIED
STATUS
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*
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PHYS DWG REF: 2998G-395
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 9.1

SAR ENV CAT: D
0588 CATEG.: A
APPENDIX E

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#-- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1889

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-55	OPERABIL-ITY	40 YRS	40 YRS	SL2-FSAR	PG 4-18,	COMB.	/	NONE	ACCEL TIME:
	NORM/TEST	<2000CYCLS	100100CYCL	TABLE311-2	4-21,4-27	TEST &			400 HRS
	DBA	180 DAYS	>200 DAYS	OPER RVIEW		EXTRA-			
EQUIPMENT: LIMIT SWITCHES		POST DBA	POST DBA		REF 2	POL'N			ACCEL TEMP:
TYPE									284F
COMPONENT: POSITION SWITCH	TEMPERAT-URE	90.OF NORM	194F NORM	TAB27B	PG 4-18	COMB.	M	NONE	
			248F ACC	SL2-FSAR	OF [REF 1]	TEST &			REPLACEMENT:
		117F1200HR		TABLE311-1		EXTRA-			FIGS.8-12 OF
		109FDESIGN		T395	REF 2	POL'N			NAMCO REPORT
MANUFACTURER:NAMCO									MAINTAIN.:
	PRESSURE	ATMOS NORM	ATMOS NORM	PAB27	PG 4-18	COMB.	M	NONE	FIGS.8-12 OF
		OPSIG	AND ACC	SL2-FSAR	OF [REF 1]	TEST &			NAMCO REPORT
MAJOR : AMERICAN		(ACC. DBA)	DBA	TABLE311-1		EXTRA-			SUBCOMPONENTS:
SUPPLIER WARMING				P394	REF 2	POL'N			
									NO UNIQUE TAGGED
MODEL AND: EA-170 SERIES	RELATIVE HUMIDITY	60.0% NORM	100%	HAB27B	PG 4-18 OF	COMB.	/	NONE	SUBCOMPONENTS ARE
SERIAL # SEE REF 3				SL2-FSAR	[REF 1]	TEST &			ENVELOPED BY THIS
		62.0%1200H		TABLE311-1		EXTRA-			EQUIPMENT
FUNCT.DES: D-14		39% DESIGN		H395	REF 2	POL'N			
& SERVICE									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
	R 2 HR	810 1.0E5	2.04E8RADS	RAB27L	PG 12-7 OF	COMB.	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	A 30 D	7.4E5 6.6E6	TOTAL	SL2-FSAR	[REF 1]	TEST &			
	D 1 YR	1.1E6 6.6E6	INTEGRATED	TABLE311-1		EXTRA-			
	. 40YR/RW	2.0E4 6.6E6	DOSE	R395	REF 2	POL'N			
SPECIFICATIONS:780E									
	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20,27 OF [REF 1]	COMB.	/	NONE	SAFETY FUNCTION:
P.O #:422617 CWD # : 0463/						TEST &			PAM
PLANT LOC.: AB27						EXTRA-			
					REF 2	POL'N			
COORDINATES X- 546. 0	SUBMERGED	NO	NOT	SAB27	NOT	N/A	M	NONE	
Y- 1535. 0		AREA	APPLICABLE	SL2-FSAR	APPLICABLE				
Z- 53.0		FLOODING		TABLE311-1					AUTH. REFERENCE:
									3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF:FV0261	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	9.1							PACKAGE:9.1
**********	TEMPERATURE T	9.1							
QUALIF QUALIFIED	PRESSURE P	9.1							
STATUS	REL. HUMDTY H	9.1							
********	CHEM. SPRAY C	9.1							
*	RADIATION R	9.1	REFERENCES: 1)NAMCO REPORT QTR-107 OF 3/81						
**********	AGING	9.1	2)QUAL TO IEEE323-74,382-72						
PHYS DWG REF: 2998G-395	SUBMERGENCE S	9.1	3)EXACT MODELS TO BE FIELD VERIFIED						REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : N/A									
EQ PACK # : 9.1	SAR ENV CAT: D								SYSTEM :SHIELD BLDG. VENT
	0588 CATEG.: A								TAG :ZS-25-55
	APPENDIX E								

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1892

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-56	OPERABIL-ITY	40 YRS	40 YRS	SL2-FSAR	PG 4-18,	COMB.	/	NONE	ACCEL TIME:
	NORM/TEST	<2000CYCLS	100100CYCL	TABLE311-2	4-21, 4-27	TEST &			400 HRS
EQUIPMENT: LIMIT SWITCHES	DBA	<1 MIN	400 HOURS	OPER RVIEW	OF [REF.1]	EXTRA-			
TYPE		POST DBA	POST DBA		REF 2	POL'N			ACCEL TEMP:
									284F
COMPONENT: POSITION SWITCH	TEMPERAT-URE	85.5F NORM	194F NORM	TAB27D	PG 4-18	COMB.	M	NONE	
			248F ACC	SL2-FSAR	OF [REF 1]	TEST &			REPLACEMENT:
		112F1200HR		TABLE311-1		EXTRA-			FIGS.8-12 OF
		104FDESIGN		T395	REF 2	POL'N			NAMCO REPORT
MANUFACTURER:NAMCO									MAINTAIN.:
	PRESSURE	ATMOS NORM	ATMOS NORM	PAB27	PG 4-18	COMB.	M	NONE	FIGS.8-12 OF
		OPSIG	AND ACC	SL2-FSAR	OF [REF 1]	TEST &			NAMCO REPORT
MAJOR : AMERICAN		(ACC. DBA)	DBA	TABLE311-1		EXTRA-			SUBCOMPONENTS:
SUPPLIER WARMING				P394	REF 2	POL'N			
									NO UNIQUE TAGGED
MODEL AND: EA-170 SERIES	RELATIVE HUMIDITY	70.0% NORM	100%	HAB27D	PG 4-18 OF	COMB.	/	NONE	SUBCOMPONENTS ARE
SERIAL # SEE REF 3				SL2-FSAR	[REF 1]	TEST &			ENVELOPED BY THIS
		72.0%1200H		TABLE311-1		EXTRA-			EQUIPMENT
FUNCT.DES: D-15		43% DESIGN		H395	REF 2	POL'N			
& SERVICE									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
	R 2 HR	185 6.0E3	2.04E8RADS	RAB27F	PG 12-7 OF	COMB.	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	A 30 D	2.3E5 4.6E4	TOTAL	SL2-FSAR	[REF 1]	TEST &			
	D 1 YR	3.6E5 6.3E4	INTEGRATED	TABLE311-1		EXTRA-			
	. 40YR/RW	3.0E3 3.0E4	DOSE	R395	REF 2	POL'N			
SPECIFICATIONS:780E									
	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20,27 OF [REF 1]	COMB. TEST &	/	NONE	SAFETY FUNCTION:
P.O #:422617 CWD # : 0462/						EXTRA-			PAM
PLANT LOC.: AB27					REF 2	POL'N			
	SUBMERGED	NO	NOT	SAB27	NOT	N/A	M	NONE	
COORDINATES X- 583. 0		AREA	APPLICABLE	SL2-FSAR	APPLICABLE				
Y- 1568. 0		FLOODING		TABLE311-1					AUTH. REFERENCE:
Z- 53.0									3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF:FV0262	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	9.1							
**********	TEMPERATURE T	9.1							
QUALIF QUALIFIED	PRESSURE P	9.1							
STATUS	REL. HUMDTY H	9.1							
********	CHEM. SPRAY C	9.1							
*	RADIATION R	9.1	REFERENCES: 1)NAMCO REPORT QTR-107 OF 3/81						
**********	AGING	9.1	2)QUAL TO IEEE323-74,382-72						
PHYS DWG REF: 2998G-395	SUBMERGENCE S	9.1	3)EXACT MODELS TO BE FIELD VERIFIED						REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : N/A	SAR ENV CAT: D								
EQ PACK # : 9.1	10588 CATEG.: A								SYSTEM :SHIELD BLDG. VENT
	APPENDIX E								TAG :ZS-25-56

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1895

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-57	OPERABIL-ITY NORM/TEST DBA	40 YRS <2000CYCLS <1 MIN POST DBA	40 YRS 100100CYCL 400 HOURS POST DBA	SL2-FSAR TABLE311-2 OPER RVIEW	PG 4-18, 4-21,4-27 OF [REF.1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 400 HRS
EQUIPMENT: LIMIT SWITCHES TYPE									ACCEL TEMP: 284F
COMPONENT: POSITION SWITCH	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	194F NORM 248F ACC	TAB27D SL2-FSAR TABLE311-1 T395	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: FIGS.8-12 OF NAMCO REPORT
MANUFACTURER:NAMCO									MAINTAIN.:
MAJOR : AMERICAN SUPPLIER WARMING	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM AND ACC DBA	PAB27 SL2-FSAR TABLE311-1 P394	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	FIGS.8-12 OF NAMCO REPORT SUBCOMPONENTS:
MODEL AND: EA-170 SERIES SERIAL # SEE REF 3	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 43% DESIGN	100%	HAB27D SL2-FSAR TABLE311-1 H395	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: D-15 & SERVICE:									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	185 6.0E3 2.3E5 4.6E4 3.6E5 6.3E4 3.0E3 3.0E4	2.04E8RADS TOTAL INTEGRATED DOSE	RAB27F SL2-FSAR TABLE311-1 R395	PG 12-7 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	3
SPECIFICATIONS:780E									
P.O #:422617 CWD # : 0462/	AGE-LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20,27 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB27									
COORDINATES X- 583. 0 Y- 1569. 0 Z- 53.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF:EV0263	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	9.1							
QUALIF QUALIFIED *STATUS* ********	TEMPERATURE T PRESSURE P REL. HUMDTY H CHEM. SPRAY C	9.1 9.1 9.1 9.1							
*	RADIATION R	9.1							
PHYS DWG REF: 2998G-395	AGING	9.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	9.1							DATE :08/30/82
MOUNTING : N/A									
EQ PACK # : 9.1	SAR ENV CAT: D 10588 CATEG.: A APPENDIX E		REFERENCES: 1)NAMCO REPORT QTR-107 OF 3/81 2)QUAL TO IEEE323-74,382-72 3)EXACT MODELS TO BE FIELD VERIFIED						SYSTEM :SHIELD BLDG. VENT TAG :ZS-25-57

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1898

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : ZS-25-58	OPERABIL-ITY	40 YRS <2000CYCLS	40 YRS 100100CYCL	SL2-FSAR TABLE311-2	PG 4-21,27 OF [REF 1]	COMB. TEST &	/	NONE	ACCEL TIME: 400 HRS
EQUIPMENT: LIMIT SWITCHES	NORM/TEST DBA	180 DAYS POST DBA	>200 DAYS POST DBA	OPER RVIEW	REF 2	EXTRA- POL'N			ACCEL TEMP: 284F
TYPE									
COMPONENT: POSITION SWITCH	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	194F NORM 248F ACC	TAB27D SL2-FSAR TABLE311-1 T395	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: FIGS.8-12 OF NAMCO REPORT
MANUFACTURER:NAMCO									MAINTAIN.:
MAJOR : AMERICAN SUPPLIER WARMING	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ATMOS NORM AND ACC DBA	PAB27 SL2-FSAR TABLE311-1 P394	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	FIGS.8-12 OF NAMCO REPORT SUBCOMPONENTS:
MODEL AND: EA-170 SERIES SERIAL # SEE REF 3	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 43% DESIGN	100%	HAB27D SL2-FSAR TABLE311-1 H395	PG 4-18 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: D-16 & SERVICE									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	185 6.0E3 2.3E5 4.6E4 3.6E5 6.3E4 3.0E3 3.0E4	2.04E8RADS TOTAL INTEGRATED DOSE	RAB27F SL2-FSAR TABLE311-1 R395	PG 12-7 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS:780E									
P.O #:422617 CWD # : 0464/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA50.51	PG 4-20,27 OF [REF 1] REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB27									
COORDINATES X- 584.0 Y- 1575. 0 Z- 53.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES INSTAL. REF:FV0569 QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	9.1
TEMPERATURE T	9.1
PRESSURE P	9.1
REL. HUMDTY H	9.1
CHEM. SPRAY C	9.1
RADIATION R	9.1
AGING	9.1
SUBMERGENCE S	9.1

QUALIF QUALIFIED
STATUS

PHYS DWG REF: 2998G-395
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 9.1

SAR ENV CAT: E
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1)NAMCO REPORT QTR-107 OF 3/81
2)QUAL TO IEEE323-74,382-72
3)EXACT MODELS TO BE FIELD VERIFIED

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.1

REVISION # :03
DATE :08/30/82

SYSTEM :SHIELD BLDG. VENT
TAG :ZS-25-58

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A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: 890 MW(E) | CES#-1904

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : ZS-25-6	OPERABIL-ITY /NORM/TEST /DBA	40 YRS CON / < 60 SEC POST DBA / <30000CYCL	SEE REF 1	SL2-FSAR / TBL 3.11-2 / OPER REVW	SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES TYPE									ACCEL TEMP: REF 1
COMPONENT: POSITION SWITCH	TEMPERAT-URE	115F NORM / FIG. 10 / (ACC. DBA) / 119FDESIGN	SEE REF 1	TRB15 / SL2-FSAR / TABLE311-1 / T365	SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER:NAMCO									MAINTAIN.:
	PRESSURE	OPSIG NORM / FIG. 9 / (ACC. DBA)	SEE REF 1	PRB15 / SL2-FSAR / TABLE311-1 / P365	SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REF 1
MAJOR : NOT SUPPLIER APPLICABLE									SUBCOMPONENTS:
MODEL AND: EA-740 20100 SERIAL #	RELATIVE HUMIDITY	45 TO 100% / 100% / (ACC. DBA)	25-75%NORM / 90+-5% / ACC.	HRB15 / SL2-FSAR / TABLE311-1 / H365	SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: VLV I-FCV-25-3 & SERVICE CONT.PURGE INTAKE									
	CHEMICAL SPRAY	1720-2150 / PPM B. 50- / 65PPM HYDZ / PH 4.9-7.0	SEE REF 1	CRB15 / SL2-FSAR / TABLE311-1 / C365	SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 2.0E6 3.0E5 30 D 2.9E7 2.1E6 1 YR 3.5E7 2.2E6 40YR/RW 6.0E4 2.5E5	SEE REF 1	RRB15B / SL2-FSAR / TABLE311-1 / R365	SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
SPECIFICATIONS:114									
P.O #:422537 CWD # : 511 /	AGE- / INST LIFE / (PER 323- / 1974 DEF.)	40 YRS	SEE REF 1	10CFR50 / PARA 50.51	SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: RB15									
COORDINATES X- 631 * Y- 1540 * Z- 33.0	SUBMERGED	26.0 FT / MAXIMUM / FIG. 11 / (ACC.DBA)	SEE REF 1	SRB15 / SL2-FSAR / TABLE311-1 / S365	SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF:FV0570	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	9.3							
QUALIF QUALIFIED	TEMPERATURE T	9.3							
STATUS	PRESSURE P	9.3							
	REL. HUMDTY H	9.3							
	CHEM. SPRAY C	9.3		REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #0450					
	RADIATION R	9.3							
PHYS DWG REF: 2998G-365	AGING	9.3							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	9.3							DATE :08/30/82
MOUNTING : N/A									
EQ PACK # : 9.3	SAR ENV CAT: A								SYSTEM :CONTAINMENT PURGE
	0588 CATEG.: A								TAG :ZS-25-6
	APPENDIX E								

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1912

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-7	OPERABIL-ITY NORM/TEST	40 YRS CON < 60 SEC POST DBA	SEE REF 1	SL2-FSAR TBL 3.11-2 OPER.REVW	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES	DBA	<30000CYCL							ACCEL TEMP:
TYPE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA)	SEE REF 1	TRB15 SL2-FSAR TABLE311-1	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REF 1
COMPONENT: POSITION SWITCH		119FDESIGN		T365					REPLACEMENT: REF 1
MANUFACTURER:NAMCO	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	SEE REF 1	PRB15 SL2-FSAR TABLE311-1	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR : NOT SUPPLIER APPLICABLE				P365					SUBCOMPONENTS:
MODEL AND: EA-740 20100 SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	SEE REF 1	HRB15 SL2-FSAR TABLE311-1	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: VLV I-FCV-25-3 & SERVICE CONT.PURGE INTAKE				H365					
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ	SEE REF 1	CRB15 SL2-FSAR TABLE311-1	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE		PH 4.9-7.0		C365					
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	SEE REF 1	RRB15B SL2-FSAR TABLE311-1 R365	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:114									
P.O #:422537 CWD # : 511 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: RB15									
COORDINATES X- 631 * Y- 1540 * Z- 33.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 1	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF:FV0578	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	9.3							
QUALIF QUALIFIED	TEMPERATURE T	9.3							
STATUS	PRESSURE P	9.3							
********	REL. HUMDTY H	9.3							
*	CHEM. SPRAY C	9.3							
	RADIATION R	9.3	REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #0450						
PHYS DWG REF: 2998G-365	AGING	9.3							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	9.3							DATE :08/30/82
MOUNTING : N/A									
EQ PACK # : 9.3	SAR ENV CAT: A								SYSTEM :CONTAINMENT PURGE
	0588 CATEG.: A								TAG :ZS-25-7
	APPENDIX E								

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1915

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : ZS-25-74	OPERABIL-ITY NORM/TEST	40 YRS CON < 60 SEC POST DBA	40 YRS CON 100000 CYC	SL2-FSAR TBL 3.11-2 OPER REVW	PG 2 NAMCO REPORT 12/20/78	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 200 HRS
EQUIPMENT: LIMIT SWITCHES TYPE	DBA	<30000CYCL							ACCEL TEMP: 200 F
COMPONENT: POSITION SWITCH	TEMPERAT-URE	90.OF NORM 117F1200HR 109FDESIGN	120F NORM >SL2 DBA REQUIR.	TAB27F SL2-FSAR TABLE311-1 T395	FIG 1 NAMCO REPORT 12/20/78	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: SEE SRS#A9.3
MANUFACTURER:NAMCO	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	OPSIG NORM >SL2 DBA REQUIR.	PAB27 SL2-FSAR TABLE311-1 P394	FIG 1 NAMCO REPORT 12/20/78	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: SEE SRS#A9.3
MAJOR : NOT SUPPLIER APPLICABLE									SUBCOMPONENTS:
MODEL AND: EA-740 SERIES SERIAL #	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	100%	HAB27F SL2-FSAR TABLE311-1 H395	TST PLAN PG-11-10 NAMCO RPT 12/20/78	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: VLV I-FCV25-33 & SERVICE SYS 2HVE-6B									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	2.0E8 T.I.D.	RAB27J SL2-FSAR TABLE311-1 R395	PG4,APP A NAMCO REPORT 12/20/78	H	NONE	
SPECIFICATIONS:114									
P.O #:422537 CWD # : 0499/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	TST PLAN PG 11-19 NAMCO RPT 12/20/78	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB27									
COORDINATES X- 608 * Y- 1511 * Z- 47.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	N/A	/	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO INSTAL. REF:F.V0264 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3
**********	OPERABILITY	9.3							
QUALIF QUALIFIED	TEMPERATURE T	9.3							
STATUS	PRESSURE P	9.3							
********	REL. HUMDTY H	9.3							
*	CHEM. SPRAY C	9.3	REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION						
**********	RADIATION R	9.3							
PHYS DWG REF: 2998G-395	AGING	9.3							REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	SUBMERGENCE	9.3							
MOUNTING : N/A									
EQ PACK # : 9.3	SAR ENV CAT: D 10588 CATEG.: A APPENDIX E								SYSTEM :SHIELD BLDG. VENT TAG :ZS-25-74

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1916

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : ZS-25-75	OPERABIL-ITY /NORM/TEST /DBA	40 YRS CON < 60 SEC POST DBA <30000CYCL	SEE REF 1	SL2-FSAR TBL 3.11-2 OPER REVW	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1 ACCEL TEMP: REF 1
EQUIPMENT: LIMIT SWITCHES TYPE	TEMPERAT-URE	90.0F NORM 117F1200HR 109FDESIGN	SEE REF 1	TAB27F SL2-FSAR TABLE311-1 T395	SEE REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
COMPONENT: POSITION SWITCH MANUFACTURER:NAMCO	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF 1	PAB27 SL2-FSAR TABLE311-1 P394	SEE REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR : NOT SUPPLIER APPLICABLE	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	SEE REF 1	HAB27F SL2-FSAR TABLE311-1 H395	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND: EA-740 SERIES SERIAL #									
FUNCT.DES: VLV I-FCV25-33 & SERVICE SYS 2HVE-6A	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF 1	CAB27 SL2-FSAR TABLE311-1	SEE REF 1	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	SEE REF 1	RAB27J SL2-FSAR TABLE311-1 R395	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:114									
P.O #:422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB27									
COORDINATES X- 608 * Y- 1511 * Z- 47.0	SUBMERGED	NOT APPLICABLE	SEE REF 1	NOT APPLICABLE	SEE REF 1	N/A	/	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO INSTAL. REF:FV0265 QUALIF EXEMPTN: NOT APPLIC									

PARA-METER	SUPPL. REVIEW
OPERABILITY	9.3
TEMPERATURE T	9.3
PRESSURE P	9.3
REL. HUMDTY H	9.3
CHEM. SPRAY C	9.3
RADIATION R	9.3
AGING	9.3
SUBMERGENCE	9.3

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #1915

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3

REVISION # :03
DATE :08/30/82

SYSTEM :SHIELD BLDG. VENT
TAG :ZS-25-75

QUALIF QUALIFIED
STATUS

PHYS DWG REF: 2998G-395
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 9.3

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1917

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-76	OPERABIL-ITY NORM/TEST DBA	40 YRS CON < 60 SEC POST DBA <30000CYCL	SEE REF 1	SL2-FSAR TBL 311-2 OPER REVW	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES									ACCEL TEMP: REF 1
TYPE	TEMPERAT-URE	90.OF NORM 117F1200HR 109FDESIGN	SEE REF 1	TAB27F SL2-FSAR TABLE311-1 T395	SEE REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
COMPONENT: POSITION SWITCH									
MANUFACTURER: NAMCO	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF 1	PAB27 SL2-FSAR TABLE311-1 P394	SEE REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL #: EA-740 SERIES	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	SEE REF 1	HAB27F SL2-FSAR TABLE311-1 H395	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE: VLV I-FCV25-32 SYS 2HVE-6A									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF 1	CAB27 SL2-FSAR TABLE311-1	SEE REF 1	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	SEE REF 1	RAB27J SL2-FSAR TABLE311-1 R395	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 114									
P.O #: 422537 CWD # : 0499/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC: AB27									
COORDINATES X- 612 * Y- 1527 * Z- 47.0	SUBMERGED	NOT APPLICABLE	SEE REF 1	NOT APPLICABLE	SEE REF 1	N/A	/	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF: FV0266									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	9.3
TEMPERATURE T	9.3
PRESSURE P	9.3
REL. HUMDTY H	9.3
CHEM. SPRAY C	9.3
RADIATION R	9.3
AGING	9.3
SUBMERGENCE	9.3

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 9.3

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QUALIF QUALIFIED
STATUS
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REFERENCES: 1) LIMIT SWITCHES ARE ENVELOPED IN PACKAGE 3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #1915

PHYS DWG REF: 2998G-395
PHYS DWG LOC: *
MOUNTING : N/A
EQ PACK # : 9.3

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

REVISION # : 03
DATE : 08/30/82

SYSTEM : SHIELD BLDG. VENT
TAG : ZS-25-76

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2. NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1918

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-77	OPERABIL-ITY NORM/TEST DBA	40 YRS CON < 60 SEC POST DBA <30000CYCL	SEE REF 1	SL2-FSAR TBL 311-2 OPER REVW	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES TYPE									ACCEL TEMP: REF 1
COMPONENT: POSITION SWITCH	TEMPERAT-URE	90.OF NORM 117F1200HR 109FDESIGN	SEE REF 1	TAB27F SL2-FSAR TABLE311-1 T395	SEE REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: NAMCO	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF 1	PAB27 SL2-FSAR TABLE311-1 P394	SEE REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND SERIAL # : EA-740 SERIES S/N-261778	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	SEE REF 1	HAB27F SL2-FSAR TABLE311-1 H395	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: & SERVICE: VLV I-FCV25-32 SYS 2HVE-6A									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF 1	CAB27 SL2-FSAR TABLE311-1	SEE REF 1	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	SEE REF 1	RAB27J SL2-FSAR TABLE311-1 R395	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 114									
P.O #: 422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB27									
COORDINATES X- 612 * Y- 1527 * Z- 47.0	SUBMERGED	NOT APPLICABLE	SEE REF 1	NOT APPLICABLE	SEE REF 1	N/A	/	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF: FV0267	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 9.3
OUALIF EXEMPTN: NOT APPLIC									
QUALIF QUALIFIED *STATUS*	OPERABILITY	9.3							
	TEMPERATURE	T 9.3							
	PRESSURE	P 9.3							
	REL. HUMDTY	H 9.3							
	CHEM. SPRAY	C 9.3							
	RADIATION	R 9.3	REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #1915						
	AGING	9.3							
	SUBMERGENCE	9.3							
PHYS DWG REF: 2998G-395									REVISION # : 03
PHYS DWG LOC:	SAR ENV CAT:	D							DATE : 08/30/82
MOUNTING : N/A	0588 CATEG.:	A							SYSTEM : SHIELD BLDG. VENT
EQ PACK # : 9.3	APPENDIX E								TAG : ZS-25-77

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1919

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM.	ENV. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM.	DOC. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1		2	3		4	5	6	7	
TAG NO : ZS-25-78	OPERABIL-ITY	40 YRS CON	SEE REF 1		SL2-FSAQ	SEE REF 1		COMB.	/	NONE	ACCEL TIME:
		< 60 SEC			TBL 3.11-2			TEST &			REF 1
EQUIPMENT: LIMIT SWITCHES	NORM/TEST	POST DBA			OPER REVW			EXTRA-			
TYPE	DBA	<30000CYCL						POL'N	.		ACCEL TEMP:
											REF 1
COMPONENT: POSITION SWITCH	TEMPERAT-URE	90.OF NORM	SEE REF 1		TAB27F	SEE REF 1		COMB.	M	NONE	
					SL2-FSAR			TEST &			REPLACEMENT:
		117F1200HR			TABLE311-1			EXTRA-			REF 1
		109FDESIGN			T395			POL'N			
MANUFACTURER: NAMCO											MAINTAIN.:
	PRESSURE	ATMOS NORM	SEE REF 1		PAB27	SEE REF 1		COMB.	M	NONE	REF 1
		OPSIG			SL2-FSAR			TEST &			
MAJOR : NOT		(ACC. DBA)			TABLE311-1			EXTRA-			SUBCOMPONENTS:
SUPPLIER APPLICABLE					P394			POL'N			
											NO UNIQUE TAGGED
MODEL AND: EA-740 SERIES	RELATIVE HUMIDITY	60.0% NORM	SEE REF 1		HAB27F	SEE REF 1		COMB.	/	NONE	SUBCOMPONENTS ARE
SERIAL #					SL2-FSAR			TEST &			ENVELOPED BY THIS
		62.0%1200H			TABLE311-1			EXTRA-			EQUIPMENT
FUNCT.DES: VLV I-FCV25-31		39% DESIGN			H395			POL'N			
& SERVICE SYS 2HVE-6B											
	CHEMICAL SPRAY	AREA NOT SUBJECT TO	SEE REF 1		CAB27	SEE REF 1		COMB.	M	NONE	
		CHEMICAL			SL2-FSAR			TEST &			
ACCUR. SPEC: NOT		SPRAY			TABLE311-1			EXTRA-			
APPLICABLE								POL'N			
	R 2 HR	810 1.0E5	SEE REF 1		RAB27J	SEE REF 1		COMB.	H	NONE	
ACCUR. DEM.: NOT	A 30 D	7.4E5 6.6E6			SL2-FSAR			TEST &			
APPLICABLE	D 1 YR	1.1E6 6.6E6			TABLE311-1			EXTRA-			
	. 40YR/RW	2.0E4 6.6E6			R395			POL'N			
SPECIFICATIONS: 114											
	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	SEE REF 1		10CFR50 PARA 50.51	SEE REF 1		COMB.	/	NONE	SAFETY FUNCTION:
P.O #:422537 CWD # : /								TEST &			PAM
								EXTRA-			
PLANT LOC.: AB27								POL'N			
	SUBMERGED	NOT	SEE REF 1		NOT	SEE REF 1		N/A	/	NONE	
COORDINATES X- 604 *		APPLICABLE			APPLICABLE						
Y- 1515 *											
Z- 47.0											AUTH. REFERENCE:
											3.11-2
INSTALLED (Y/N): NO											
INSTAL. REF: FV0268	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #								QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	9.3									
**********	TEMPERATURE T	9.3									
QUALIF QUALIFIED	PRESSURE P	9.3									
STATUS	REL. HUMDTY H	9.3									
********	CHEM. SPRAY C	9.3	REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #1915								
*	RADIATION R	9.3									
**********	AGING	9.3									
PHYS DWG REF: 2998G-395	SUBMERGENCE	9.3									REVISION # :03
PHYS DWG LOC:											DATE :08/30/82
MOUNTING : NOT APPLICABLE											
EQ PACK # : 9.3	SAR ENV CAT: D										SYSTEM :SHIELD BLDG. VENT
	0588 CATEG.: A										TAG :ZS-25-78
	APPENDIX E										

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1920

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-79	OPERABIL-ITY NORM/TEST DBA	40 YRS CON < 60 SEC POST DBA <30000CYCL	SEE REF 1	SL2-FSAR TBL 3.11-2 OPER REVW	SEE REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES									ACCEL TEMP: REF 1
TYPE	TEMPERAT-URE	90.OF NORM 117F1200HR 109FDESIGN	SEE REF 1	TAB27F SL2-FSAR TABLE311-1 T395	SEE REF 1	COMB. TEST & EXTRA-POL'N	M	NONE	REPLACEMENT: REF 1
COMPONENT: POSITION SWITCH									
MANUFACTURER: NAMCO	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF 1	PAB27 SL2-FSAR TABLE311-1 P394	SEE REF 1	COMB. TEST & EXTRA-POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR : NOT SUPPLIER APPLICABLE									SUBCOMPONENTS:
MODEL AND: EA-740 SERIES SERIAL #	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	SEE REF 1	HAB27F SL2-FSAR TABLE311-1 H395	SEE REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: VLV I-FCV25-31 & SERVICE SYS 2HVE-6B									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF 1	CAB27 SL2-FSAR TABLE311-1	SEE REF 1	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	SEE REF 1	RAB27J SL2-FSAR TABLE311-1 R395	SEE REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS: f14									
P.O #:422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB27									
COORDINATES X- 604 * Y- 1515 * Z- 47.0	SUBMERGED	NOT APPLICABLE	SEE REF 1	NOT APPLICABLE	SEE REF 1	N/A	/	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO									

INSTAL. REF:FV0269
QUALIF EXEMPTN: NOT APPLIC

PARAMETER	SUPPL. REVIEW
OPERABILITY	9.3
TEMPERATURE T	9.3
PRESSURE P	9.3
REL. HUMDTY H	9.3
CHEM. SPRAY C	9.3
RADIATION R	9.3
AGING	9.3
SUBMERGENCE	9.3
SAR ENV CAT: D	
0588 CATEG.: A	
APPENDIX E	

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #1915

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3

QUALIF QUALIFIED
STATUS
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PHYS DWG REF: 2998G-395
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 9.3

REVISION # :03
DATE :08/30/82

SYSTEM :SHIELD BLDG. VENT
TAG :ZS-25-79

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1921

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : ZS-25-8	OPERABILITY NORM/TEST DBA	40 YRS CON < 60 SEC POST DBA	SEE REF 1	SL2-FSAR TBL 3.11-2 OPER REVW	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
		<30000CYCL							ACCEL TEMP: REF 1
EQUIPMENT: LIMIT SWITCHES	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	SEE REF 1	TRB16 SL2-FSAR TABLE311-1 T366	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
TYPE									
COMPONENT: POSITION SWITCH									
MANUFACTURER:NAMCO	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	SEE REF 1	PRB16 SL2-FSAR TABLE311-1 P366	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR : NOT SUPPLIER APPLICABLE									SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND: EA-740 20100 SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	SEE REF 1	HRB16 SL2-FSAR TABLE311-1 H366	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: VLV I-FCV-25-4 & SERVICE CONT.PURGE EXHAUST	CHEMICAL SPRAY	1720-2150 PPM B. 50- 65PPM HYDZ PH 4.9-7.0	SEE REF 1	CRB16 SL2-FSAR TABLE311-1 C366	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	SEE REF 1	RRB16B SL2-FSAR TABLE311-1 R366	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:114									
P.O #:422537 CWD # : 512 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: RB16									
COORDINATES X- 618 * Y- 1499 * Z- 45.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 1	SRB16 SL2-FSAR TABLE311-1 S366	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF:FV0585	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	9.3							
QUALIF QUALIFIED	TEMPERATURE T	9.3							
STATUS	PRESSURE P	9.3							
********	REL. HUMDTY H	9.3							
*	CHEM. SPRAY C	9.3							
**********	RADIATION R	9.3	REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #0461						
PHYS DWG REF: 2998G-366	AGING	9.3							
PHYS DWG LOC:	SUBMERGENCE S	9.3							
MOUNTING : N/A									
EQ PACK # : 9.3	SAR ENV CAT: A								
	0588 CATEG.: A								
	APPENDIX E								REVISION # :03 DATE :08/30/82
									SYSTEM :CONTAINMENT PURGE TAG :ZS-25-8

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1922

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : ZS-25-80	OPERABIL-ITY NORM/TEST DBA	40 YRS CON < 60 SEC POST DBA <30000CYCL	SEE REF 1	SL2-FSAR TBL 3.11-2 OPER.REVW	SEE REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES TYPE									ACCEL TEMP: REF 1
COMPONENT: POSITION SWITCH	TEMPERAT-URE	90.0F NORM 117F1200HR 109FDESIGN	SEE REF 1	TAB27F SL2-FSAR TABLE311-1 T395	SEE REF 1	COMB. TEST & EXTRA-POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: NAMCO									MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF 1	PAB27 SL2-FSAR TABLE311-1 P394	SEE REF 1	COMB. TEST & EXTRA-POL'N	M	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: EA-740 SERIES	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	SEE REF 1	HAB27F SL2-FSAR TABLE311-1 H395	SEE REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE VLV I-FCV25-30 SYS 2HVE-6A									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF 1	CAB27 SL2-FSAR TABLE311-1	SEE REF 1	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 810 1.0E5 30 D 7.4E5 6.6E6 1 YR 1.1E6 6.6E6 40YR/RW 2.0E4 6.6E6	SEE REF 1	RAB27J SL2-FSAR TABLE311-1 R395	SEE REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS: 114									
P.O #: 422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	SEE REF 1	10CFR50 PARA-50.51	SEE REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB27									
COORDINATES X- 609 * Y- 1532 * Z- 47.0	SUBMERGED	NOT APPLICABLE	SEE REF 1	NOT APPLICABLE	SEE REF 1	N/A	/	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF: FV0270	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 9.3
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	9.3							
QUALIF QUALIFIED *STATUS*	TEMPERATURE T	9.3							
	PRESSURE P	9.3							
	REL. HUMDTY H	9.3							
	CHEM. SPRAY C	9.3							
	RADIATION R	9.3	REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #1915						
PHYS DWG REF: 2998G-395	AGING	9.3							REVISION # : 03
PHYS DWG LOC:	SUBMERGENCE	9.3							DATE : 08/30/82
MOUNTING : N/A									SYSTEM : SHIELD BLDG. VENT
EQ PACK # : 9.3	SAR ENV CAT: D								TAG : ZS-25-80
	0588 CATEG.: A								
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1923

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	DEM.	QUALIF.	DOCUMENTATION ACTUAL	DEM.	QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2		3	4		5	6	7	
TAG NO : ZS-25-81	OPERABIL-ITY NORM/TEST	40 YRS CON < 60 SEC POST DBA	SEE REF 1		SL2-FSAR TBL 3.11-2 OPER.REVW	SEE REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES	DBA	<30000CYCL									ACCEL TEMP:
TYPE											REF 1
COMPONENT: POSITION SWITCH	TEMPERAT-URE	90.OF NORM	SEE REF 1		TAB27F SL2-FSAR	SEE REF 1		COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
		117F1200HR			TABLE311-1						
MANUFACTURER:NAMCO		109FDESIGN			T395						3
	PRESSURE	ATMOS NORM OPSIG	SEE REF 1		PAB27 SL2-FSAR	SEE REF 1		COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR : NOT SUPPLIER APPLICABLE		(ACC. DBA)			TABLE311-1 P394						SUBCOMPONENTS:
MODEL AND: EA-740 SERIES	RELATIVE HUMIDITY	60.0% NORM	SEE REF 1		HAB27F SL2-FSAR	SEE REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
SERIAL # S/N-262089		62.0%1200H			TABLE311-1						
FUNCT.DES: VLV I-FCV25-30 & SERVICE SYS 2HVE-6A		39% DESIGN			H395						
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF 1		CAB27 SL2-FSAR TABLE311-1	SEE REF 1		N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE											
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	SEE REF 1		RAB27J SL2-FSAR TABLE311-1 R395	SEE REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	3
SPECIFICATIONS:114											
P.O #:422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	SEE REF 1		10CFR50 PARA 50.51	SEE REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB27											
COORDINATES X- 609 * Y- 1532 * Z- 47.0	SUBMERGED	NOT APPLICABLE	SEE REF 1		NOT APPLICABLE	SEE REF 1		N/A	/	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO											
INSTAL. REF:EVO271	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #								QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	9.3									
QUALIF QUALIFIED	TEMPERATURE T	9.3									
STATUS 1	PRESSURE P	9.3									3
	REL. HUMDTY H	9.3									
	CHEM. SPRAY C	9.3	REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #1915								
	RADIATION R	9.3									
PHYS DWG REF: 2998G-395	AGING	9.3									REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	9.3									DATE :08/30/82
MOUNTING : N/A											
EQ PACK # : 9.3	SAR ENV CAT: D										SYSTEM :SHIELD BLDG. VENT
	0588 CATEG.: A										TAG :ZS-25-81
	APPENDIX E										

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1924

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : ZS-25-82	OPERABIL-ITY	40 YRS CON	SEE REF 1	SL2-FSAR	SEE REF 1	COMB.	/	NONE	ACCEL TIME:
		<60 SEC		TBL 3.11-2		TEST &			REF 1
	NORM/TEST	POST DBA		OPER REVW		EXTRA-			
EQUIPMENT: LIMIT SWITCHES	DBA	<30000CYL				POL'N			ACCEL TEMP:
TYPE									REF 1
	TEMPERAT-URE	90.0F NORM	SEE REF 1	TAB27F	SEE REF 1	COMB.	M	NONE	
COMPONENT: POSITION SWITCH				SL2-FSAR		TEST &			REPLACEMENT:
		117F1200HR		TABLE311-1		EXTRA-			REF 1
		109FDESIGN		T395		POL'N			
MANUFACTURER:NAMCO									MAINTAIN.:
	PRESSURE	ATMOS NORM	SEE REF 1	PAB27	SEE REF 1	COMB.	M	NONE	REF 1
		OPSIG		SL2-FSAR		TEST &			
MAJOR : NOT		(ACC. DBA)		TABLE311-1		EXTRA-			SUBCOMPONENTS:
SUPPLIER APPLICABLE				P394		POL'N			
									NO UNIQUE TAGGED
MODEL AND: EA-740 SERIES	RELATIVE HUMIDITY	60.0% NORM	SEE REF 1	HAB27F	SEE REF 1	COMB.	/	NONE	SUBCOMPONENTS ARE
SERIAL #				SL2-FSAR		TEST &			ENVELOPED BY THIS
		62.0%1200H		TABLE311-1		EXTRA-			EQUIPMENT
FUNCT.DES: VLV I-FCV25-29		39% DESIGN		H395		POL'N			
& SERVICE SYS 2HVE-6B									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL	SEE REF 1	CAB27 SL2-FSAR	SEE REF 1	N/A	M	NONE	
		SPRAY		TABLE311-1					
ACCUR. SPEC: NOT APPLICABLE									
	R 2 HR	810 1.0E5	SEE REF 1	RAB27J	SEE REF 1	COMB.	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	A 30 D	7.4E5 6.6E6		SL2-FSAR		TEST &			
	D 1 YR	1.1E6 6.6E6		TABLE311-1		EXTRA-			3
	. 40YR/RW	2.0E4 6.6E6		R395		POL'N			
SPECIFICATIONS:114									
	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
P.O #:422537 CWD # : /									PAM
PLANT LOC.: AB27									
	SUBMERGED	NOT APPLICABLE	SEE REF 1	NOT APPLICABLE	SEE REF 1	N/A	/	NONE	
COORDINATES X- 611 *									
Y- 1521 *									AUTH. REFERENCE:
Z- 47.0									3.11-2
INSTALLED (Y/N): NO									

INSTAL. REF:FV0272
QUALIF EXEMPTN: NOT APPLIC

PARAMETER	SUPPL. REVIEW
OPERABILITY	9.3
TEMPERATURE T	9.3
PRESSURE P	9.3
REL. HUMDTY H	9.3
CHEM. SPRAY C	9.3
RADIATION R	9.3
AGING	9.3
SUBMERGENCE	9.3

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #1915

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3

REVISION # :03
DATE :08/30/82

SYSTEM :SHIELD BLDG. VENT
TAG :ZS-25-82

QUALIF QUALIFIED
STATUS

PHYS DWG REF: 2998G-395
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 9.3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1925

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-83	OPERABIL-ITY NORM/TEST DBA	40 YRS CON >60 SEC POST DBA >30000CYCL	SEE REF 1	SL2-FSAR TBL 3.11-2 OPER REVW	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1 ACCEL TEMP: REF 1
EQUIPMENT: LIMIT SWITCHES TYPE									
COMPONENT: POSITION SWITCH CH	TEMPERAT-URE	90.OF NORM 117F1200HR 109FDESIGN	SEE REF 1	TAB27F SL2-FSAR TABLE311-1 T395	SEE REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER:NAMCO									MAINTAIN.: REF 1
MAJOR : NOT SUPPLIER APPLICABLE	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF 1	PAB27 SL2-FSAR TABLE311-1 P394	SEE REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND: EA-740 SERIES SERIAL # S/N-298858	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	SEE REF 1	HAB27F SL2-FSAR TABLE311-1 H395	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: VLV I-FCV25-29 & SERVICE SYS 2HVE-6B	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF 1	CAB27 SL2-FSAR TABLE311-1	SEE REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	SEE REF 1	RAB27J SL2-FSAR TABLE311-1 R395	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 114									
P.O #:422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB27									
COORDINATES X- 611* Y- 1521* Z- 47.0	SUBMERGED	NOT APPLICABLE	SEE REF 1	NOT APPLICABLE	SEE REF 1	N/A	/	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO INSTAL. REF:FV0273 QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	9.3
TEMPERATURE T	9.3
PRESSURE P	9.3
REL. HUMDTY H	9.3
CHEM. SPRAY C	9.3
RADIATION R	9.3
AGING	9.3
SUBMERGENCE	9.3

QUALIF QUALIFIED
STATUS
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PHYS DWG REF: 2998G-395
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 9.3

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #1915

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3

REVISION # :03
DATE :08/30/82

SYSTEM :SHIELD BLDG. VENT
TAG :ZS-25-83

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3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1926

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-84	OPERABIL-ITY /NORM/TEST /DBA	40 YRS CON < 60 SEC POST DBA <30000CYCL	SEE REF 1	SL2-FSAR TBL 3.11-2 OPER REVW	SEE REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES TYPE									ACCEL TEMP: REF 1
COMPONENT: POSITION SWITCH	TEMPERAT-URE	90.OF NORM 117F1200HR 109FDESIGN	SEE REF 1	TAB27F SL2-FSAR TABLE311-1 T395	SEE REF 1	COMB. TEST & EXTRA-POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER:NAMCO	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF 1	PAB27 SL2-FSAR TABLE311-1 P394	SEE REF 1	COMB. TEST & EXTRA-POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR : NOT SUPPLIER APPLICABLE									SUBCOMPONENTS:
MODEL AND: EA-740 SERIES SERIAL # S/N-298859	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	SEE REF 1	HAB27F SL2-FSAR TABLE311-1 H395	SEE REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: VLV I-FCV25-34 & SERVICE SYS 2HVE-6A	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF 1	CAB27 SL2-FSAR TABLE311-1	SEE REF 1	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	SEE REF 1	RAB27J SL2-FSAR TABLE311-1 R395	SEE REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS:114									
P.O #:422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB27									
COORDINATES X- 612 * Y- 1523 * Z- 47.0	SUBMERGED	NOT APPLICABLE	SEE REF 1	NOT APPLICABLE	SEE REF 1	N/A	/	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO INSTAL. REF:FV0274 QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	9.3
TEMPERATURE T	9.3
PRESSURE P	9.3
REL. HUMDTY H	9.3
CHEM. SPRAY C	9.3
RADIATION R	9.3
AGING	9.3
SUBMERGENCE	9.3

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #1915

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3

REVISION # :03
DATE :08/30/82

SYSTEM :SHIELD BLDG. VENT
TAG :ZS-25-84

QUALIF QUALIFIED
STATUS
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PHYS DWG REF: 2998G-395
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 9.3

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1927

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : ZS-25-85	OPERABIL-ITY /NORM/TEST /DBA	40 YRS CON < 60 SEC POST DBA <30000CYCL	SEE REF 1	FSAR TBL 3.11-2 OPER REVIEW	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES TYPE									ACCEL TEMP: REF 1
COMPONENT: POSITION SWITCH	TEMPERAT-URE	90.OF NORM 117F1200HR 109FDESIGN	SEE REF 1	TAB27F SL2-FSAR TABLE311-1 T395	SEE REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER: NAMCO									MAINTAIN.: REF 1
MAJOR : NOT SUPPLIER APPLICABLE	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF 1	PAB27 SL2-FSAR TABLE311-1 P394	SEE REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: EA-740 SERIES	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	SEE REF 1	HAB27F SL2-FSAR TABLE311-1 H395	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE VLV I-FCV25-34 SYS 2HVE-6A									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF 1	CAB27 SL2-FSAR TABLE311-1	SEE REF 1	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 17.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	SEE REF 1	RAB27J SL2-FSAR TABLE311-1 R395	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 114									
P.O #: 422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB27									
COORDINATES X- 612.0 * Y- 1523.0 * Z- 47.0	SUBMERGED	NOT APPLICABLE	SEE REF 1	NOT APPLICABLE	SEE REF 1	N/A	/	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF: FV0108	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 9.3
QUALIF EXEMPTN: NOT APPLIC									
********** *QUALIF* QUALIFIED *STATUS* ******** * **********	OPERABILITY	9.3							
	TEMPERATURE	T 9.3							
	PRESSURE	P 9.3							
	REL. HUMDTY	H 9.3							
	CHEM. SPRAY	C 9.3							
	RADIATION	R 9.3							
PHYS DWG REF: 2998G-395	AGING	9.3							
PHYS DWG LOC:	SUBMERGENCE	9.3							
MOUNTING : NOT APPLICABLE									
EQ PACK # : 9.3	SAR ENV CAT: D		REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #1915						REVISION # :03 DATE :08/30/82
	10588 CATEG.: A								
	APPENDIX E								SYSTEM :SHIELD BLDG. VENT TAG :ZS-25-85

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1928

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : ZS-25-88	OPERABIL-ITY /NORM/TEST /DBA	40 YRS CON <60 SEC POST DBA <30000CYCL	SEE REF 1	SL2-FSAR TABLE211-2 OPER.REVW	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES									ACCEL TEMP: REF 1
TYPE									
COMPONENT: POSITION SWITCH	TEMPERAT-URE	90.OF NORM 117F1200HR 109FDESIGN	SEE REF 1	TAB27F SL2-FSAR TABLE311-1 T395	SEE REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER:NAMCO									MAINTAIN.: REF 1
MAJOR : NOT SUPPLIER APPLICABLE	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF 1	PAB27 SL2-FSAR TABLE311-1 P394	SEE REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	SUBCOMPONENTS:
MODEL AND: EA-740 SERIES SERIAL #	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	SEE REF 1	HAB27F SL2-FSAR TABLE311-1 H395	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: VLV I-FCV25-26 & SERVICE H2 PURGE INTAKE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF 1	CAB27 SL2-FSAR TABLE311-1	SEE REF 1	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	SEE REF 1	RAB27J SL2-FSAR TABLE311-1 R395	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 114									
P.O #:422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB27									
COORDINATES X- 609* Y- 1516* Z- 45.0	SUBMERGED	NOT APPLICABLE	SEE REF 1	NOT APPLICABLE	SEE REF 1	N/A N/A	/	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF:FV0275	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	9.3							
QUALIF QUALIFIED	TEMPERATURE	T 9.3							
STATUS	PRESSURE	P 9.3							
	REL. HUMDTY	H 9.3							
	CHEM. SPRAY	C 9.3	REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #0447						
	RADIATION	R 9.3							
PHYS DWG REF: 2998G-395	AGING	9.3							REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	SUBMERGENCE	9.3							
MOUNTING : N/A									SYSTEM :CONTAINMENT PURGE
EQ PACK # : 9.3	SAR ENV CAT: D 0588 CATEG.: A APPENDIX E								TAG :ZS-25-88

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1929

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-89	OPERABIL-ITY /NORM/TEST /DBA	40 YRS CON < 60 SEC POST DBA <30000CYCL	SEE REF 1	SL2-FSAR TBL 3.11-2 OPER REVIEW	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES									ACCEL TEMP: REF 1
TYPE									
COMPONENT: POSITION SWITCH	TEMPERAT-URE	90.OF NORM 117F1200HR 109FDESIGN	SEE REF 1	TAB27F SL2-FSAR TABLE311-1 T395	SEE REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 1
MANUFACTURER:NAMCO									
	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF 1	PAB27 SL2-FSAR TABLE311-1 P394	SEE REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1
MAJOR : NOT SUPPLIER APPLICABLE									SUBCOMPONENTS:
MODEL AND: EA-740 SERIES SERIAL #	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	SEE REF 1	HAB27F SL2-FSAR TABLE311-1 H395	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: VLV I-FCV25-26 & SERVICE H2 PURGE INTAKE									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF 1	CAB27 SL2-FSAR TABLE311-1	SEE REF 1	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	SEE REF 1	RAB27J SL2-FSAR TABLE311-1 R395	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:114									
P.O #:422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: AB27									
COORDINATES X- 609. * Y- 1516. * Z- 45.0	SUBMERGED	NOT APPLICABLE	SEE REF 1	NOT APPLICABLE	SEE REF 1	N/A	/	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO									

INSTAL. REF:FV0595
QUALIF EXEMPTN: NOT APPLIC

PARA-METER	SUPPL. REVIEW
OPERABILITY	9.3
TEMPERATURE T	9.3
PRESSURE P	9.3
REL. HUMDTY H	9.3
CHEM. SPRAY C	9.3
RADIATION R	9.3
AGING	9.3
SUBMERGENCE	9.3

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QUALIF QUALIFIED
STATUS
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PHYS DWG REF: 2998G-395
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 9.3

SAR ENV CAT: D
O588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE 3.2/9.3(HENRY PRATT VALVES) QUALIFICATION SEE CES #0447

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3

REVISION # :03
DATE :08/30/82

SYSTEM :HEATING & VENTILATING
TAG :ZS-25-89

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1930

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : ZS-25-9	OPERABIL-ITY /NORM/TEST /DBA	40 YRS CON <60 SEC POST DBA <30000CYCL	SEE REF 1	SL2-FSAR TABLE 311-OPER.REVW OPER.REVW	SEE REF 1	COMB. TEST & EXTRA- POL'N	/ .	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES TYPE									ACCEL TEMP: REF 1
COMPONENT: POSITION SWITCH CH	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	SEE REF 1	TRB16 SL2-FSAR TABLE311-1 T366	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: NAMCO									MAINTAIN.: REF 1
MAJOR : NOT SUPPLIER APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	SEE REF 1	PRB16 SL2-FSAR TABLE311-1 P366	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: EA-74020100 SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	SEE REF 1	HRB16 SL2-FSAR TABLE311-1 H366	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: VLV I-FCV-25-4 & SERVICE CONT.PURGE INTAKE	CHEMICAL SPRAY	1720-2150 PPM B. 50- 65PPM HYDZ PH 4.9-7.0	SEE REF 1	CRB16 SL2-FSAR TABLE311-1 C366	SEE REF 1	N/A	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 12.7E6 5.2E5 30 D 14.0E7 3.2E6 1 YR 14.8E7 3.8E6 40YR/RW 13.0E4 1.5E6	SEE REF 1	RRB16B SL2-FSAR TABLE311-1 R366	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 114									
P.O #:422537 CWD # : 512 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: RB16									
COORDINATES X- 618* Y- 1499* Z- 45.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 1	SRB16 SL2-FSAR TABLE311-1 S366	SEE REF 1	N/A	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0276	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	9.3							
QUALIF QUALIFIED *STATUS*	TEMPERATURE	T 9.3							
	PRESSURE	P 9.3							
	REL. HUMDTY	H 9.3							
	CHEM. SPRAY	C 9.3							
	RADIATION	R 9.3	REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #0461						
PHYS DWG REF: 2998G-366	AGING	9.3							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 9.3							DATE :08/30/82
MOUNTING : N/A									
EQ PACK # : 9.3	SAR ENV CAT: A								SYSTEM :CONTAINMENT PURGE
	0588 CATEG.: A								TAG :ZS-25-9
	APPENDIX E								

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1931

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. (2)	DOCUMENTATION ACTUAL (3)	DEM. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : ZS-25-92	OPERABILITY	40 YRS XON <60 SEC POST DBA	SEE REF 1	SL2-FSAR TAB 3.11-2 OPER.REVW	SEE REF 1	COMB. TEST & EXTRA-	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES	NORM/TEST DBA	<30000CYCL				POL'N			ACCEL TEMP: REF 1
TYPE	TEMPERATURE	90.OF NORM	SEE REF 1	TAB27F SL2-FSAR	SEE REF 1	COMB. TEST &	M	NONE	
COMPONENT: POSITION SWITCH		117F1200HR 109FDESIGN		TABLE311-1 T395		EXTRA- POL'N			REPLACEMENT: REF 1
MANUFACTURER:NAMCO CORP.	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	SEE REF 1	PAB27 SL2-FSAR TABLE311-1 P394	SEE REF 1	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 1 SUBCOMPONENTS:
MAJOR SUPPLIER : NOT APPLICABLE	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	SEE REF 1	HAB27F SL2-FSAR TABLE311-1 H395	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND: EA-740 SERIES SERIAL #	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	SEE REF 1	CAB27 SL2-FSAR TABLE311-1	SEE REF 1	N/A	M	NONE	
FUNCT.DES: VLV I-FCV25-21 & SERVICE H2 PURGE EXHAUST	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	SEE REF 1	RAB27J SL2-FSAR TABLE311-1 R395	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE ACCUR. DEM.: NOT APPLICABLE	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
SPECIFICATIONS: 114 P.O #:422537 CWD # : /	SUBMERGED	NOT APPLICABLE	SEE REF 1	NOT APPLICABLE	SEE REF 1	N/A	/	NONE	AUTH. REFERENCE: 3.11-2
PLANT LOC.: AB27 COORDINATES X- 609 * Y- 1518. * Z- 45.0									
INSTALLED (Y/N): NO INSTAL. REF:FV0277 QUALIF EXEMPTN: NOT APPLIC	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3
**********	OPERABILITY	9.3							
QUALIF QUALIFIED	TEMPERATURE T	9.3							
STATUS	PRESSURE P	9.3							
********	REL. HUMDTY H	9.3							
*	CHEM. SPRAY C	9.3	REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #0444						
**********	RADIATION R	9.3							
PHYS DWG REF: 2998G-395	AGING	9.3							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	9.3							DATE :08/30/82
MOUNTING : N/A									
EQ PACK # : 9.3	SAR ENV CAT: D 0588 CATEG.: A APPENDIX E								SYSTEM :CONTAINMENT PURGE TAG :ZS-25-92

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1932

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : ZS-25-93	OPERABIL-ITY	40 YRS CON	SEE REF 1	SL2-FSAR	SEE REF 1	COMB.	/	NONE	ACCEL TIME:
		<60 SEC		TAB 3.11-O		TEST &			REF 1
	NORM/TEST	POST DBA		OPER REVW		EXTRA-			
EQUIPMENT: LIMIT SWITCHES	DBA	<30000CYCL				POL'N			ACCEL TEMP:
TYPE									REF 1
	TEMPERAT-URE	90.OF NORM	SEE REF 1	TAB27F	SEE REF 1	COMB.	M	NONE	
COMPONENT: POSITION SWITCH				SL2-FSAR		TEST &			REPLACEMENT:
		117F1200HR		TABLE311-1		EXTRA-			REF 1
		109FDESIGN		T395		POL'N			
MANUFACTURER:NAMCO									MAINTAIN.:
	PRESSURE	ATMOS NORM	SEE REF 1	PAB27	SEE REF 1	COMB.	M	NONE	REF 1
		OPSIG		SL2-FSAR		TEST &			
MAJOR : NOT		(ACC. DBA)		TABLE311-1		EXTRA-			SUBCOMPONENTS:
SUPPLIER APPLICABLE				P394		POL'N			
									NO UNIQUE TAGGED
MODEL AND: EA-740 SERIES	RELATIVE HUMIDITY	60.0% NORM	SEE REF 1	HAB27F	SEE REF 1	COMB.	/	NONE	SUBCOMPONENTS ARE
SERIAL #				SL2-FSAR		TEST &			ENVELOPED BY THIS
		62.0%1200H		TABLE311-1		EXTRA-			EQUIPMENT
FUNCT.DES: VLV I-FCV25-21		39% DESIGN		H395		POL'N			
& SERVICE H2 PURGE									
EXHAUST	CHEMICAL SPRAY	AREA NOT	SEE REF 1	CAB27	SEE REF 1	N/A	M	NONE	
		SUBJECT TO		SL2-FSAR					
		CHEMICAL		TABLE311-1					
ACCUR. SPEC: NOT		SPRAY							
APPLICABLE									
	R 2 HR	810 1.0E5	SEE REF 1	RAB27J	SEE REF 1	COMB.	H	NONE	
ACCUR. DEM.: NOT	A 30 D	7.4E5 6.6E6		SL2-FSAR		TEST &			
APPLICABLE	D 1 YR	1.1E6 6.6E6		TABLE311-1		EXTRA-			
	. 40YR/RW	2.0E4 6.6E6		R395		POL'N			
SPECIFICATIONS: 114									
	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
P.O #:422537 CWD # : /									
PLANT LOC.: AB27									
COORDINATES X- 609 *	SUBMERGED	NOT	SEE REF 1	NOT	SEE REF 1	N/A	/	NONE	
Y- 1518 *		APPLICABLE		APPLICABLE					
Z- 45.0									AUTH. REFERENCE:
									3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF:FV0278	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	9.3							
QUALIF QUALIFIED	TEMPERATURE T	9.3							
STATUS	PRESSURE P	9.3							
********	REL. HUMDTY H	9.3							
*	CHEM. SPRAY C	9.3							
**********	RADIATION R	9.3	REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #0444						
PHYS DWG REF: 2998G-395	AGING	9.3							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	9.3							DATE :08/30/82
MOUNTING : N/A									
EQ PACK # : 9.3	SAR ENV CAT: D								SYSTEM :CONTAINMENT PURGE
	0588 CATEG.: A								TAG :ZS-25-93
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1933

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENV. DEM. QUALIF.	DOCUMENTATION ACTUAL	DOC. DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : ZS-25-96	OPERABILITY NORM/TEST DBA	40 YRS CON <60 SEC POST DBA <30000CYCL	SEE REF 1	AL2-SFAR TBL3.11-2 OPER REVW	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES TYPE									ACCEL TEMP: REF 1
COMPONENT: POSITION SWITCH	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	SEE REF 1	TRB16 SL2-FSAR TABLE311-1 T366	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: NAMCO									MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	SEE REF 1	PRB16 SL2-FSAR TABLE311-1 P366	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: EA-740 SERIES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	SEE REF 1	HRB16 SL2-FSAR TABLE311-1 H366	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE VLV I-FCV25-20 H2 PURGE EXHAUST	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	SEE REF 1	CRB16 SL2-FSAR TABLE311-1 C366	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E5	SEE REF 1	RRB16B SL2-FSAR TABLE311-1 R366	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 114									
P.O #:422537 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: RB16									
COORDINATES X- 618 * Y- 1512. * Z- 47.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 1	SRB16 SL2-FSAR TABLE311-1 S366	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF: FV0281									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	9.3
TEMPERATURE T	9.3
PRESSURE P	9.3
REL. HUMDTY H	9.3
CHEM. SPRAY C	9.3
RADIATION R	9.3
AGING	9.3
SUBMERGENCE S.	9.3

QUALIF QUALIFIED
STATUS

PHYS DWG REF: 2998G-366
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 9.3

SAR ENV CAT: A
IO588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #0443

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3

REVISION # :03
DATE :08/30/82

SYSTEM :CONTAINMENT PURGE
TAG :ZS-25-96

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1934

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : ZS-25-97	OPERABIL-ITY NORM/TEST DBA	40 YRS CON <60 SEC POST DBA <30000CYCL	SEE REF 1	SL2-FSAR TBL 3.11-2 OPER REVW	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 1
EQUIPMENT: LIMIT SWITCHES TYPE									ACCEL TEMP: REF 1
COMPONENT: POSITION SWITCH	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	SEE REF 1	TRB16 SL2-FSAR TABLE311-1 T366	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 1
MANUFACTURER: NAMCO	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	SEE REF 1	PRB16 SL2-FSAR TABLE311-1 P366	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: REF 1
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : EA-740 SERIES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	SEE REF 1	HRB16 SL2-FSAR TABLE311-1 H366	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE VLV I-FCV25-20 H2 PURGE EXHAUST	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	SEE REF 1	CRB16 SL2-FSAR TABLE311-1 C366	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	SEE REF 1	RRB16B SL2-FSAR TABLE311-1 R366	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 114									
P.O #:422537 CWD # : 1182/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	SEE REF 1	10CFR50 PARA 50.51	SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: PAM
PLANT LOC.: RB16									
COORDINATES X- 618 * Y- ,1512. * Z- 47.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 1	SRB16 SL2-FSAR TABLE311-1 S366	SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF: FV0282									
QUALIF EXEMPTN: NOT APPLIC									

PARA-METER	SUPPL. REVIEW
OPERABILITY	9.3
TEMPERATURE T	9.3
PRESSURE P	9.3
REL. HUMDTY H	9.3
CHEM. SPRAY C	9.3
RADIATION R	9.3
AGING	9.3
SUBMERGENCE S	9.3

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)LIMIT SWITCHES ARE ENVELOPED IN PACKAGE3.2/9.3 (HENRY PRATT VALVES) QUALIFICATION SEE CES #0443

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:9.3

REVISION # :03
DATE :08/30/82

SYSTEM :CONTAINMENT PURGE
TAG :ZS-25-97

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QUALIF QUALIFIED
STATUS
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PHYS DWG REF: 2998G-366
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 9.3

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

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A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: 890 MW(E) | CES#-1937

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : WCSF-N SERIES	OPERABILITY	40 YRS +180 DAYS POST DBA	40 YRS >200DAYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM	EDR2001 PAGE 4 REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 1000/1500HRS
EQUIPMENT: SPLICES TYPE	NORM/TEST DBA			OPERATION					ACCEL TEMP: 150C/150C
COMPONENT: HEAT SHRINK TUBING	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM FIG.10 (ACC. DBA)	TRB15 SL2-FSAR TABLE311-1 T365	WYLE LABS 58442-1 P.6 FIG.4 REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: RAYCHEM									MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM FIG.9 (ACC. DBA)	PRB15 SL2-FSAR TABLE311-1 P365	WYLE LABS 58442-1 P.6 FIG.4 REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: WCSF-N	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	WYLE LABS 58442-1 FUNC.TEST P.5 REF1	COMB. TEST & EXTRA- POL'N	/	NONE	SPLICE KITS ASSOCIATED WITH EACH CLASS IE CABLE ALL SPLICES BY RAYCHEM ASSUMED WORST LOCATION IN CONTAINMENT.
FUNCT.DES: & SERVICE PROVIDE QUALIFIED SPLICES THROUGHOUT PLANT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200PPM B 150 PPM HYD PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	WYLE LABS 58442-1 REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	NOTES: 1.NEW TEST REPORT JUST RECEIVED REQUIRES REVIEW
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	12.0E6 3.0E5 12.9E7 2.1E6 13.5E7 2.2E6 16.0E4 2.5E5	12.0E8 TO 12.9E8TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	WYLE LABS 58442-1 P.6 PAR3.3 REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 278P									
P.O #: BY FLD CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	WYLE LABS 58442-1 P.3 PAR3.2 REF1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF AUXSUP SD
PLANT LOC.: RB15									
COORDINATES X- 636 Y- 1537 Z- 21.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	PASSED SUBMERGNCE TEST	SRB15 SL2-FSAR TABLE311-1 S365	WYLE LABS 58442-1 P.5PAR3.2. 1.1 REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	PAM AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0526	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 16.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	16.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	16.1							
	PRESSURE P	16.1							
	REL. HUMDTY H	16.1							
	CHEM. SPRAY C	16.1		REFERENCES: 1.QUAL. BASED ON 323-74,383-74 & SEPARATE BUT COMPLEMENTARY REPTS:WYLE LBS(58442-1),FRKLN RSRCH(FC-4033-3) & RAYCHEM(EDR 2001 & 5008).					
	RADIATION R	16.1							
PHYS DWG REF: 2998G-365	AGING	16.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	16.1							DATE :08/30/82
MOUNTING : N/A									
EQ PACK # : 16.1	SAR ENV CAT: A								SYSTEM :CABLE ASSEMBLIES
	0588 CATEG.: A								TAG :WCSF-N SERIES
	APPENDIX E								

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1938

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : H2 ANLR SYSTEM	OPERABIL-ITY	<1000HRS <500CYCLES	!>=5 YRS	FSAR TABLE 3.11-2	!EA&T PROJ. !1035 THRU	COMB. TEST &	/	NONE	ACCEL TIME: 100DAYS
EQUIPMENT: HYDROGEN ANALYZ TYPE ER	NORM/TEST DBA	<30DYS DBA <500CYCDBA	!>=3000CYCL	OPER.REV. TECH.SPECS	!REV3 REF2 !NOTE 2	EXTRA- POL'N			ACCEL TEMP: !PER IND EQUI
COMPONENT: H2 ANALYZER SYS TEM	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	!> 104F NRM !100DY. DBA !PROFILE > !SL2PROFILE	TAB25 SL2-FSAR TABLE311-1 T392	!SPEC 140A& !EA&T1035-8 !REV 3 TBL !F-1 NOTE 2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: LATER
MANUFACTURER:COMSIP INC.	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	!ATMOS !SAMPLE>SL2 !REQ.	PAB25 SL2-FSAR TABLE311-1 P392	!ATMOS EA&T !1035-8REV3 !TBL F-1 !NOTE 2	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: LATER
MAJOR : NOT APPLICABLE SUPPLIER									SUBCOMPONENTS:
MODEL AND: K-III/K-IV SERIAL #	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 43% DESIGN	!25-75%NROM !90+ -5% !ACC.	HAB25 SL2-FSAR TABLE311-1 H392	!EA&T PROJ. !1035-8REV3 !TBL F-1 RF !2 NOTE 2	COMB. TEST & EXTRA- POL'N	/ .	NONE	1.TO BE IDENTIFIED FOR FPL INVENTORY USE ON FUTURE CES UPDATE(CONSISTS OF VALVES,INSTRUMNTS,
FUNCT.DES: H2 ANALYZER SY & SERVICE STEM TO PRO-VIDE POST DBA H2 SAMPLING	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	!NOT !APPLICABLE	CAB25 SL2-FSAR TABLE311-1	!NOT !APPLICABLE	N/A	M	NONE	!ISTS OF VALVES,INS 2.EQUIP.QUALIFIED TO IEEE323-74,334-74,382-72,383-74
ACCUR. SPEC: NOT APPLICABLE									74,382-72,383-74.
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	310 1.0E4 3.5E5 8.8E4 5.3E5 1.2E5 1.0E4 5.0E4	!1E6 RADS !NRML SAMPL !POST DBA>= !SL2 REQ.	RAB25I SL2-FSAR TABLE311-1 R393	!EA&T PROJ. !1035-8 !REV.3 !TBLF-1 NT2	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS:140A									
P.O #:422628 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	!EA&T PROJ !1035-1 !REV 1 !NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB25									ESF
COORDINATES X- 577.0 Y- 1517.0 Z- 20.0	SUBMERGED	NO AREA FLOODING	!NOT !APPLICABLE	SAB25 SL2-FSAR TABLE311-1	!NOT !APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 6.2-62
INSTALLED (Y/N): NO									
INSTAL. REF:FV0156	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:13.1
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	13.1							
QUALIF QUALIFIED	TEMPERATURE T	13.1							
STATUS	PRESSURE P	13.1							
********	REL. HUMDTY H	13.1							
*	CHEM. SPRAY C	13.1	REFERENCES: 1.SYST.FUNC.DESCRIBED IN FSAR SEC.6.2.5.2&FIG.6.2-62						
	RADIATION R	13.1	2.QUAL.BASED ON SAMPLING TO START 15 MIN. POST DBA TO START 15MIN. POST DBA						
PHYS DWG REF: 2998G-392	AGING	13.1							
PHYS DWG LOC:	SUBMERGENCE S	13.1							REVISION # :03
MOUNTING : N/A									DATE :08/30/82
EQ PACK # : 13.1	SAR ENV CAT: D								SYSTEM :HYDROGEN SAMPLING
	0588 CATEG.: A								TAG :H2 ANLR SYSTEM
	APPENDIX E								

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1939

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : B/M D15 SERIES	OPERABIL-ITY NORM/TEST DBA	40 YRS + 180DAYS POST DBA	40 YRS >200DAYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	REF. 1 APP. 2 SRS. 6	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: 21 DAYS
EQUIPMENT: CABLE TYPE									ACCEL TEMP: 150C
COMPONENT: MED. VOLT. PWR CABLE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM EXCEED SL2 ACC.PRFLE. FIG. 10	TRB15 SL2-FSAR TABLE311-1 T365	REF. 1 APP. 2 SRS. 6	COMB. TEST & EXTRA-POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER:OKONITE									MAINTAIN.:
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM ENVEL DBA 112 PSIG	PRB15 SL2-FSAR TABLE311-1 P365	REF. 1 PAGE 3 SRS 6	COMB. TEST & EXTRA-POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND SERIAL # : B/M D15 SEE NOTES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100 %	HRB15 SL2-FSAR TABLE311-1 H365	REF. 1 PAGE 7	COMB. TEST & EXTRA-POL'N	/	NONE	D15-01,D15-02,D15-03.NOTE:MAJORITY OF THESE CBLS SER VICE EQUIP. IN STA NDBY MODE-NO CREDIT TAKEN FOR THIS.
FUNCT.DES: & SERVICE PROVIDE MED. VOLT.PWR CABLE THROUGHOUT PLANT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000PPM B NAOH PH UP TO 10.5	CRB15 SL2-FSAR TABLE311-1 C365	REF 1 APP 2 PAGE 5	COMB. TEST & EXTRA-POL'N	H	NONE	REF3)SUBMERGENCE CAPABILITY PROVIDED IN REF9,10 OF FSAR SEC.3.11 PAGE 3.11-9.ALL CBLS IN D15 SERIES ASSUMED WORST LOC IN CNTMT NOTE THAT THERE NO D15 CBLS PERFORMNG CL IE SERV IN CNTM
ACCUR. SPEC: NOT APPLICABLE									3
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	REF 1 APP 1 P.1 APP 4	COMB. TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS:291									
P.O #:422574 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	REF. 1 APP 3 P. 8	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: AUXSUP
PLANT LOC.: RB15									
COORDINATES X- 636.0 Y- 1537.0 Z- 21.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	REF 1 12 MO OF 90 C	SRB15 SL2-FSAR TABLE311-1 S365	FSAR P3.11-9 REF. 1 APP 7	COMB. TEST & EXTRA-POL'N	H	NONE	AUTH. REFERENCE: LPG
INSTALLED (Y/N): YES									
INSTAL. REF:FV0292									
QUALIF EXEMPTN: NOT EXEMPT									

PARA-METER	SUPPL. REVIEW
OPERABILITY	6.1
TEMPERATURE T	6.1
PRESSURE P	6.1
REL. HUMDTY H	6.1
CHEM. SPRAY C	6.1
RADIATION R	6.1
AGING	6.1
SUBMERGENCE S	6.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)OKONITE RPT LP-SL-9879R.3 HAS 10 APPS. DEMONST. QUAL. TO 323-74,383-74. 2)LOCA OKONITE TEST ENVELPS SL2 LOCA(MSLB NOT APPLIC.)*REF3 UNDER SUBCOMPNTS

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:6.1

REVISION # :03
DATE :08/30/82

SYSTEM :CABLE & RACEWAY
TAG :B/M D15 SERIES

QUALIF QUALIFIED
STATUS

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 6.1

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1940

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : B/M D26 SERIES	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200 DAYS / POST DBA	SL2-FSAR / MAXIMUM DURATION	REF 1,2	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 168 HRS
EQUIPMENT: CABLE TYPE									ACCEL TEMP: 143 C
COMPONENT: LOW VOLT. PWR/ CNTR CB	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM FIG. 10 ENVELOPED	TRB15 / SL2-FSAR / TABLE311-1 / T365	REF1,2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER:KERITE									MAINTAIN.:
MAJOR : NOT APPLICABLE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM REF.2 (ACC. DBA)	PRB15 / SL2-FSAR / TABLE311-1 / P365	REF1,2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS: NOTE 1
MODEL AND: B/M D26 SERIES SERIAL # SEE NOTES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 / SL2-FSAR / TABLE311-1 / H365	REF.1,2	COMB. / TEST & / EXTRA- / POL'N	/	NONE	D26-01 THRU D26-10 ALSO D26-14
FUNCT.DES: & SERVICE PROVIDE QUALIF IED LOW VOLT. POWER & CONTRO L CABLING									ALL KERITE CABLE ASSUMED TO BE IN WORST LOCATION IN CONTAINMENT.
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	1720 PPM NAOH PH8.5-10.6	CRB15 / SL2-FSAR / TABLE311-1 / C365	REF.1,2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REF 3)REF 9,10 OF FSAR SEC. 3.11
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	1.0E8 T.I.D.	RRB15B / SL2-FSAR / TABLE311-1 / R365	REF.1,2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
SPECIFICATIONS:292									
P.O #:422573 CWD # : CARS/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 / PARA 50.51	REF.1,2	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: RPS ESF AUXSUP SD
PLANT LOC.: RB15									
COORDINATES X- 636.0 Y- 1537.0 Z- 21.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	DEMONSTRA-TED ACCEPTABLE	SRB15 / SL2-FSAR / TABLE311-1 / S365	SUBMITTAL TO NRC / REF.3	COMB. / TEST & / EXTRA- / POL'N	H	NONE	PAM
INSTALLED (Y/N): YES									AUTH. REFERENCE: *CMM*
INSTAL. REF:FV0293									
QUALIF EXEMPTN: NO									

PARA-METER	SUPPL. REVIEW
OPERABILITY	6.2
TEMPERATURE T	6.2
PRESSURE P	6.2
REL. HUMDTY H	6.2
CHEM. SPRAY C	6.2
RADIATION R	6.2
AGING	6.2
SUBMERGENCE S	6.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:6.2

REFERENCES: 1)QUAL TO IEEE-323-74,383-74 KERITE RPT.PG1,3,4 REF.7,ISO. RPT#I-R279-03.
2)MSLB/LOCA QUAL TST RPT ON KERITE FR & FR2-IPS 848 & 849

REVISION # :03
DATE :08/30/82

SYSTEM :CABLE & RACEWAY
TAG :B/M D26 SERIES

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 6.2

QUALIF QUALIFIED
STATUS

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1941

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : H2 RMB 2A	OPERABIL-ITY /NORM/TEST /DBA	2 TESTS/YR PLUS 1-30 DAYS POST DBA	2 TESTS/YR PLUS 60 DAYS POST DBA	SL2-FSAR TABLE311-2 PAGE J2 OF PACKAGE	WCAP7709-L SUPPL 1-7 SUP 3,P2,7 REF 1,2,3	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 CYCLES
EQUIPMENT: HYDROGEN RECOMB TYPE INER									ACCEL TEMP: 1250 F HTR
COMPONENT: HYDROGEN RECOM-BINER	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	ENVELOPES TEMP REQ.	TRB17 SL2-FSAR TABLE311-1 T367	WCAP7709-L SUPPL 3 FIG3.1.2A REF 1,2,3	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: WESTINGHOUSE									MAINTAIN.:
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	ENVELOPES PRESSURE REQUIREMTS	PRB17 SL2-FSAR TABLE311-1 P367	WCAP7709-L SUPPL 3 PG 5 REF1,2,3	COMB. TEST & EXTRA- POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND SERIAL # : MODEL B 21	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB17 SL2-FSAR TABLE311-1 H367	WCAP7709-L SUPPL 1 PG 4.8 REF 1,2,3	COMB. TEST & EXTRA- POL'N	/	NONE	**REFS.(CONT.): 1.DOES NOT FUNCT-ION BEFORE DBA & WITHIN 24HRS(REFER TO FSAR SECT.6.2.5
FUNCT.DES: & SERVICE : LIMITS BUILD-UP OF FREE HYDROGEN									.2.2 FIG.6.2-68)
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	2500 PPM BORIC ACID NAOH PH 10.0	CRB17 SL2-FSAR TABLE311-1 C367	WCAP 9346 PG 3-12 REF 1,2,3	COMB. TEST & EXTRA- POL'N	H	NONE	**NOTES: 1.OTHER EQUIPMENT OF THE SYSTEM IS IN MILD ENVIRONMNT
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	7.4E7 5.8E6 1.3E8 1.4E7 1.6E8 1.5E7 7.0E5 3.1E6	2E8 RADS TOTAL INTEGRATED DOSE	RRB17 SL2-FSAR TABLE311-1 R367	WCAP7709-2 SUPP 2 PG 2-2 REF 1,2,3	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 240									
P.O #:422661 CWD # : /	AGE- INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA-50.51	WCAP9346 PG 4-6 REF 1,2,3	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB17									ESF
COORDINATES X- 736.0 Y- 1518.0 Z- 62.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SRB17 SL2-FSAR TABLE311-1 S367	NOT APPLICABLE	NOT APPLIC ABLE	H	NONE	AUTH. REFERENCE: 6.2.5.
INSTALLED (Y/N): YES									
INSTAL. REF: FVO157	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:61.1
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	61.1							
QUALIF QUALIFIED	TEMPERATURE T	61.1							
STATUS	PRESSURE P	61.1							
********	REL. HUMDTY H	61.1							
*	CHEM. SPRAY C	61.1							
**********	RADIATION R	61.1		REFERENCES: 1.NRC HAS APPARENTLY APPROVED WESTINGHOUSE TOPOCAL RPT IN AN EVALUATION LTR DATED 06/22/81 2.QUALIF.TO 323-74&383-74 **FOR REF.3,SEE UNDER SUBCOMP.					
PHYS DWG REF: 2998G-367	AGING	61.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	61.1							DATE :08/30/82
MOUNTING : N/A									
EQ PACK # : 61.1	SAR ENV CAT: A								SYSTEM :HYDROGEN SAMPLING
	0588 CATEG.: A								TAG :H2 RMB 2A
	APPENDIX E								

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1944

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : H2 RMB 2B	OPERABILITY NORM/TEST	2 TESTS/YR PLUS 1-30 DAYS POST DBA	2 TESTS/YR PLUS 60 DAYS POST DBA	SL2-FSAR TABLE311-2 PAGE J2 OF PACKAGE	WCAP7709-L SUPPL 1-7 SUP 3,P2,7 REF 1,2,3	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100 CYCLES
EQUIPMENT: HYDROGEN RECOMB TYPE INER	DBA								ACCEL TEMP: 1250 F HTR
COMPONENT: HYDROGEN RECOM-BINER	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	ENVELOPES TEMP REQ.	TRB17 SL2-FSAR TABLE311-1 T367	WCAP7709-L SUPPL 3 FIG3.1.2A REF 1,2,3	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: WESTINGHOUSE									MAINTAIN.:
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	ENVELOPES PRESSURE	PRB17 SL2-FSAR TABLE311-1 P367	WCAP7709-L SUPPL 3 PG 5 REF 1,2,3	COMB. TEST & EXTRA- POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND SERIAL # : MODEL B 22	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB17 SL2-FSAR TABLE311-1 H367	WCAP7709-L SUPPL 1 PG 4.8 REF 1,2,3	COMB. TEST & EXTRA- POL'N	/	NONE	**REFS.(CONT.): 1.DOES NOT FUNCTION BEFORE DBA & WITHIN 24HRS(REFER TO FSAR SECT.6.2.5.2.2 FIG.6.2-68)
FUNCT.DES: & SERVICE LIMITS BUILD-UP OF FREE HYDROGEN	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	2500 PPM BORIC ACID NAOH PH 10.0	CRB17 SL2-FSAR TABLE311-1 C367	WCAP 9346 PG 3-12 REF 1,2,3	COMB. TEST & EXTRA- POL'N	H	NONE	**NOTES: 1.OTHER EQUIPMENT OF THE SYSTEM IS IN MILD ENVIRONMNT
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	7.4E7 5.8E6 1.3E8 1.4E7 1.6E8 1.5E7 7.0E5 3.1E6	2E8 RADS TOTAL INTEGRATED DOSE	RRB17 SL2-FSAR TABLE311-1 R367	WCAP7709-2 PG 2-2 REF 1,2,3	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 240									
P.O #: 422661 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	WCAP9346 PG 4-6 REF.1,2,3	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB17									
COORDINATES X- 638.0 Y- 1516.0 Z- 62.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SRB17 SL2-FSAR TABLE311-1 S367	NOT APPLICABLE	NOT APPLIC ABLE	H	NONE	AUTH. REFERENCE: 6.2.5.
INSTALLED (Y/N): YES									
INSTAL. REF: FV0109	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 61.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	61.1							
QUALIF QUALIFIED	TEMPERATURE T	61.1							
STATUS	PRESSURE P	61.1							
	REL. HUMDTY H	61.1							
*	CHEM. SPRAY C	61.1							
	RADIATION R	61.1	REFERENCES: 1.NRC HAS APPARENTLY APPROVED WESTINGHOUSE TOPOCAL RPT IN AN EVALUATION LTR DATED 06/22/81 2.QUALIF.TO 323-74&383-74 **FOR REF.3.SEE UNDER SUBCOMP.						
PHYS DWG REF: 2998G-367	AGING	61.1							
PHYS DWG LOC:	SUBMERGENCE S	61.1							REVISION # :03
MOUNTING : N/A									DATE :08/30/82
EQ PACK # : 61.1	SAR ENV CAT: A								SYSTEM :HYDROGEN SAMPLING
	0588 CATEG.: A								TAG :H2 RMB 2B
	APPENDIX E								

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1947

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : HCV-09-1A REL P NL	OPERABIL-ITY NORM/TEST DBA	40 YEARS < 1 MIN POST DBA	PLANNED TEST/QUAL TO ENVELOP REQUIREMT	SL2 FSAR TBLE3.11-2 OPER. REVIEW	ACTON TEST PROC. 15878 REF.1,2,3	COMB. TEST & EXTRA- POL'N	/	REF. 1,2,3	ACCEL TIME: PER COMPONT.
EQUIPMENT: RELAYS									ACCEL TEMP:
TYPE									PER COMPONT.
COMPONENT: INTERLOCKING RELAYS	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	PLANNED TEST/QUAL TO ENVELOP REQUIREMT	TTB23C SL2-FSAR TABLE311-1 T408 2C	ACTON TEST PROC. 15878 REF.1,2,3	COMB. TEST & EXTRA- POL'N	H	REF. 1,2,3	REPLACEMENT: SUBJECT TO TEST RESULTS
MANUFACTURER: SEE SUBCOMPONENTS									MAINTAIN.:
	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	PLANNED TEST/QUAL TO ENVELOP REQUIREMT	PTB23C SL2-FSAR TABLE311-1 P408 2C	ACTON TEST PROC. 15878 REF.1,2,3	COMB. TEST & EXTRA- POL'N	H	REF. 1,2,3	SUBJECT TO TEST RESULTS
MAJOR : SYSTEMS SUPPLIER CONTROL									SUBCOMPONENTS:
MODEL AND: SEE SERIAL # SUBCOMPONENTS	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	PLANNED TEST/QUAL TO ENVELOP REQUIREMT	HTB23C SL2-FSAR TABLE311-1 H408 2C	ACTON TEST PROC. 15878 REF.1,2,3	COMB. TEST & EXTRA- POL'N	/	REF. 1,2,3	1.NEMA 4 BOX 2.GE-12HGA111J2 3.AGASTAT-E7012PB 4.AGASTAT-E7012PD
FUNCT.DES: INTERLOCKING & SERVICE RLAYS FOR MSIS ISOLATION									5.GE-CR2940
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23S SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	M	NONE	6.GE-ET16 7.GE-EB25 8.HITEMP TEFZEL WIRING.
ACCUR. SPEC: NOT APPLICABLE									9.AMP TERMINALS
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 DI D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	PLANNED TEST/QUAL TO ENVELOP REQUIREMT	RTB23C SL2-FSAR TABLE311-1 R408 2C	ACTON TEST PROC. 15878 REF.1,2,3	COMB. TEST & EXTRA- POL'N	M	REF. 1,2,3	
SPECIFICATIONS: 149									
P.O #:422688 CWD # : 0655/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	PLANNED TEST/QUAL TO ENVELOP REQUIREMT	10CFR50 PARA 50.51	ACTON TEST PROC. 15878 REF.1,2,3	COMB. TEST & EXTRA- POL'N	/	REF. 1,2,3	SAFETY FUNCTION:
PLANT LOC.: TB23									ESF
COORDINATES X- 740.0 Y- 1414.0 Z- 45.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23C SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	N/A	M	NONE	SD AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0350	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 20.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	20.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	20.1							
	PRESSURE P	20.1							
	REL. HUMDTY H	20.1							
	CHEM. SPRAY C	20.1	REFERENCES: 1)TEST/QUAL IS PLANNED PER REF PROCEDURE FALL1982.2)TEST/QUAL TO IEEE323-74,383-74,650-79, 381-77. 3)VENDOR IS REVIEWING A/E COMMENTS ON THIS PROCEDURE						
	RADIATION R	20.1							
PHYS DWG REF: 2998G-408 2C	AGING	20.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	20.1							DATE :08/30/82
MOUNTING : N/A									
EQ PACK # : 20.1	SAR ENV CAT: K								SYSTEM :AUXILIARY FEEDWATER
	0588 CATEG.: A								TAG :HCV-09-1A REL P
	APPENDIX E								

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1948

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : HCV-09-1B REL P NL	OPERABIL-ITY NORM/TEST	40 YEARS < 1 MIN POST DBA	PLANNED TEST/QUAL TO ENVELOP REQUIREMT	SL2 FSAR TBLE3.11-2 OPER. REVIEW	ACTON TEST PROC. 15878 REF.1,2,3	COMB. TEST & EXTRA- POL'N	/	REF. 1,2,3	ACCEL TIME: PER COMPONT.
EQUIPMENT: RELAYS TYPE	DBA								ACCEL TEMP: PER COMPONT.
COMPONENT: INTERLOCKING RELAYS	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	PLANNED TEST/QUAL TO ENVELOP REQUIREMT	TTB23C SL2-FSAR TABLE311-1 T408 2C	ACTON TEST PROC. 15878 REF.1,2,3	COMB. TEST & EXTRA- POL'N	H	REF 1,2,3	REPLACEMENT: SUBJECT TO TEST RESULTS
MANUFACTURER: SEE SUBCOMPONENTS	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	PLANNED TEST/QUAL TO ENVELOP REQUIREMT	PTB23C SL2-FSAR TABLE311-1 P408 2C	ACTON TEST PROC. 15878 REF.1,2,3	COMB. TEST & EXTRA- POL'N	H	REF 1,2,3	MAINTAIN.: SUBJECT TO TEST RESULTS
MAJOR : SYSTEMS SUPPLIER CONTROL									SUBCOMPONENTS: 3
MODEL AND: SEE SERIAL # SUBCOMPONENTS	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	PLANNED TEST/QUAL TO ENVELOP REQUIREMT	HTB23C SL2-FSAR TABLE311-1 H408 2C	ACTON TEST PROC. 15878 REF.1,2,3	COMB. TEST & EXTRA- POL'N	/	REF. 1,2,3	1.NEMA 4 BOX 2.GE-12HGA111J2 3.AGASTAT-E7012PB 4.AGASTAT-E7012PD
FUNCT.DES: & SERVICE INTERLOCKING RELAYS FOR MSIS ISOLATION									5.GE-CR2940 6.GE-ET16
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23S SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	N/A	M	NONE	7.GE-EB25 8.HITEMP TEFZEL WIRING. 9.AMP TERMINALS
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	PLANNED TEST/QUAL TO ENVELOP REQUIREMT	RTB23C SL2-FSAR TABLE311-1 R408 2C	ACTON TEST PROC. 15878 REF.1,2,3	COMB. TEST & EXTRA- POL'N	M	REF. 1,2,3	
SPECIFICATIONS: 149									
P.O #:422688 CWD # : 0656/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	PLANNED TEST/QUAL TO ENVELOP REQUIREMT	40 YEARS	ACTON TEST PROC. 15878 REF.1,2,3	COMB. TEST & EXTRA- POL'N	/	REF. 1,2,3	SAFETY FUNCTION:
PLANT LOC.: TB23									ESF
COORDINATES X- 739.0 Y- 1400.0 Z- 45.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23C SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	N/A	M	NONE	SD
									AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF: FV0352	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 20.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	20.1							
QUALIF RETEST *STATUS*	TEMPERATURE	T 20.1							
	PRESSURE	P 20.1							3
	REL. HUMDTY	H 20.1							
	CHEM. SPRAY	C 20.1	REFERENCES: 1)TEST/QUAL IS PLANNED PER REF PROCEDURE FALL1982.2)TEST/QUAL TO IEEE323-74,383-74,650-79, 381-77. 3)VENDOR IS REVIEWING A/E COMMENTS ON THIS PROCEDURE						
	RADIATION	R 20.1							
PHYS DWG REF: 2998G-408 2C	AGING	20.1							REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	SUBMERGENCE	S 20.1							
MOUNTING : N/A									SYSTEM :AUXILIARY FEEDWATER
EQ PACK # : 20.1	SAR ENV CAT: K								TAG :HCV-09-1B REL P
	0588 CATEG.: A								
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1949

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HCV-09-2A REL P NL	OPERABIL-ITY	40 YEARS	PLANNED	SL2 FSAR	ACTON TEST	COMB.	/	REF.	ACCEL TIME:
		< 1 MIN	TEST/QUAL	TBLE3.11-2	PROC.	TEST &		1,2,3	PER COMPONT.
	NORM/TEST	POST DBA	TO ENVELOP	OPER.	15878	EXTRA-			
EQUIPMENT: RELAYS	DBA		REQUIREMT	REVIEW	REF.1,2,3	POL'N			ACCEL TEMP:
TYPE									PER COMPONT.
	TEMPERAT-URE	108F NORM	PLANNED	TTB23C	ACTON TEST	COMB.	/	REF	
COMPONENT: INTERLOCKING RELAYS		FIG.C-1A	TEST/QUAL	SL2-FSAR	PROC.	TEST &		1,2,3	REPLACEMENT:
		136F 1200HR	TO ENVELOP	TABLE311-1	15878	EXTRA-			SUBJECT TO
		127FDESIGN	REQUIREMT	T408 2C	REF.1,2,3	POL'N			TEST RESULTS
MANUFACTURER: SEE SUBCOMPONENTS									MAINTAIN.:
	PRESSURE	ATMOS NORM	PLANNED	PTB23C	ACTON TEST	COMB.	/	REF	SUBJECT TO
		FIG.C-1B	TEST/QUAL	SL2-FSAR	PROC.	TEST &		1,2,3	TEST RESULTS
MAJOR : SYSTEMS		(ACC. DBA)	TO ENVELOP	TABLE311-1	15878	EXTRA-			SUBCOMPONENTS:
SUPPLIER CONTROL			REQUIREMT	P408 2C	REF.1,2,3	POL'N			
									1.NEMA 4 BOX
MODEL AND: SEE	RELATIVE HUMIDITY	48.0% NORM	PLANNED	HTB23C	ACTON TEST	COMB.	/	REF.	2.GE-12HGA111J2
SERIAL # SUBCOMPONENTS		100%	TEST/QUAL	SL2-FSAR	PROC.	TEST &		1,2,3	3.AGASTAT-E7012PB
		(ACC. DBA)	TO ENVELOP	TABLE311-1	15878	EXTRA-			4.AGASTAT-E7012PD
FUNCT.DES: INTERLOCKING			REQUIREMT	H408 2C	REF.1,2,3	POL'N			5.GE-CR2940
& SERVICE RELAYS FOR MSIS ISOLATION									6.GE-ET16
	CHEMICAL SPRAY	NOT APPLICABLE	NOT APPLICABLE	CTB23C SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	/	NONE	7.GE-EB25
									8.HITEMP TEFZEL WIRING.
ACCUR. SPEC: NOT APPLICABLE				C408 2C					9.AMP TERMINALS
	R 2 HR	260 1.3E3	PLANNED	RAB25A	ACTON TEST	COMB.	M	REF.	
ACCUR. DEM.: NOT APPLICABLE	A 30 D	3.0E5 2.7E4	TEST/QUAL	SL2-FSAR	PROC.	TEST &		1,2,3	
	D 1 YR	4.5E5 3.6E4	TO ENVELOP	TABLE311-1	15878	EXTRA-			
	. 40YR/RW	6.0E3 5.0E3	REQUIREMT	R	REF.1,2,3	POL'N			
SPECIFICATIONS: 149									
	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	PLANNED	10CFR50	ACTON TEST	COMB.	/	REF.	SAFETY FUNCTION:
P.O #: 422688 CWD # : 0671/			TEST/QUAL	PARA 50.51	PROC.	TEST &		1,2,3	
			TO ENVELOP		15878	EXTRA-			ESF
PLANT LOC.: TB23			REQUIREMT		REF.1,2,3	POL'N			
									SD
COORDINATES X- 637.0	SUBMERGED	NOT	NOT	STB23C	NOT	N/A	/	NONE	
Y- 1402.0		APPLICABLE	APPLICABLE	SL2-FSAR	APPLICABLE				
Z- 45.0				TABLE311-1					AUTH. REFERENCE:
				S408 2C					3.112
INSTALLED (Y/N): YES									
INSTAL. REF: FVO145	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 20.1
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	20.1							
QUALIF RETEST	TEMPERATURE	20.1							
STATUS	PRESSURE	20.1							
********	REL. HUMDTY	20.1							
*	CHEM. SPRAY	20.1							
**********	RADIATION R	20.1	REFERENCES: 1)TEST/QUAL IS PLANNED PER REF PROCED. FOR FALL -1982 TO IEEE323-74,383-74,650-79, 381-77. 3)VENDOR IS REVIEWING A/E COMMENTS ON THIS PROCEDURE						
PHYS DWG REF: 2998G-408 2C	AGING	20.1							
PHYS DWG LOC:	SUBMERGENCE	20.1							REVISION # :03
MOUNTING : N/A									DATE :08/30/82
EQ PACK # : 20.1	SAR ENV CAT: K								SYSTEM :AUXILIARY FEEDWATER
	10588 CATEG.: A								TAG :HCV-09-2A REL P
	APPENDIX E								

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1950

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HCV-09-2B REL P NL	OPERABIL-ITY	40 YEARS	PLANNED	SL2 FSAR	ACTON TEST	COMB.	/	REF.	ACCEL TIME:
		< 1 MIN	TEST/QUAL	TBLE3.11-2	PROC.	TEST &		1,2,3	PER COMPONT.
	NORM/TEST	POST DBA	TO ENVELOP	OPER.	15878	EXTRA-			
EQUIPMENT: RELAYS	DBA		REQUIREMT	REVIEW	REF.1,2,3	POL'N			ACCEL TEMP:
TYPE									PER COMPONT.
	TEMPERAT-URE	108F NORM	PLANNED	TTB23C	ACTON TEST	COMB.	/	REF	
COMPONENT: INTERLOCKING RELAYS		FIG.C-1A	TEST/QUAL	SL2-FSAR	PROC.	TEST &		1,2,3	REPLACEMENT:
		136F1200HR	TO ENVELOP	TABLE311-1	15878	EXTRA-			SUBJECT TO
		127FDESIGN	REQUIREMT	T408 2C	REF.1,2,3	POL'N			TEST RESULTS
MANUFACTURER: SEE SUBCOMPONENTS									MAINTAIN.:
	PRESSURE	ATMOS NORM	PLANNED	PAB27	ACTON TEST	COMB.	M	REF	SUBJECT TO
		OPSIG	TEST/QUAL	SL2-FSAR	PROC.	TEST &		1,2,3	TEST RESULTS
MAJOR : SYSTEMS		(ACC. DBA)	TO ENVELOP	TABLE311-1	15878	EXTRA-			SUBCOMPONENTS:
SUPPLIER CONTROL			REQUIREMT	P394	REF.1,2,3	POL'N			
									1.NEMA 4 BOX
MODEL AND: SEE	RELATIVE	48.0% NORM	PLANNED	HTB23C	ACTON TEST	COMB.	/	REF.	2.GE-12HGA111J2
SERIAL # SUBCOMPONENTS	HUMIDITY	100%	TEST/QUAL	SL2-FSAR	PROC.	TEST &		1,2,3	3.AGASTAT-E7012PB
		(ACC. DBA)	TO ENVELOP	TABLE311-1	15878	EXTRA-			4.AGASTAT-E7012PD
FUNCT.DES: INTERLOCKING			REQUIREMT	H408 2C	REF.1,2,3	POL'N			5.GE-CR2940
& SERVICE RELAYS FOR MSIS ISOLATION									6.GE-ET16
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL	NOT APPLICABLE	CAB26 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	7.GE-EB25
									8.HITEMP TEFZEL WIRING.
ACCUR. SPEC: NOT APPLICABLE		SPRAY		C					9.AMP TERMINALS
	R A D .	2 HR 30 D 1 YR 40YR/RW	1.0E5 INTEG RATED DOSE	PLANNED TEST/QUAL TO ENVELOP REQUIREMT	RTB23C SL2-FSAR TABLE311-1 R408 2C	ACTON TEST PROC. 15878 REF.1,2,3	COMB. TEST & EXTRA- POL'N	/ REF. 1,2,3	
ACCUR. DEM.: NOT APPLICABLE									
SPECIFICATIONS: 149									
P.O #:422688 CWD # : 0672/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	PLANNED TEST/QUAL TO ENVELOP REQUIREMT	10CFR50 PARA 50.51	ACTON TEST PROC. 15878 REF.1,2,3	COMB. TEST & EXTRA- POL'N	/	REF. 1,2,3	SAFETY FUNCTION:
PLANT LOC.: TB23									ESF
									SD
COORDINATES X- 619.0 Y- 1387.0 Z- 45.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	STB23C SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	N/A	/	NONE	AUTH. REFERENCE: 3.112
INSTALLED (Y/N): YES									
INSTAL. REF.: FV0356	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION
QUALIF EXEMPTN: NOT APPLIC									PACKAGE: 20.1
**********	OPERABILITY	20.1							
QUALIF RETEST	TEMPERATURE	20.1							
STATUS	PRESSURE P	20.1							
********	REL. HUMDTY	20.1							
*	CHEM. SPRAY C	20.1	REFERENCES: 1)TEST/QUAL IS PLANNED PER REF PROCED. FOR FALL -1982 TO IEEE323-74,383-74,650-79, 381-77. 3)VENDOR IS REVIEWING A/E COMMENTS ON THIS PROCEDURE						
**********	RADIATION	20.1							
PHYS DWG REF: 2998G-394	AGING	20.1							REVISION # : 03
PHYS DWG LOC:	SUBMERGENCE	20.1							DATE : 08/30/82
MOUNTING : N/A									
EQ PACK # : 20.1	SAR ENV CAT: K								SYSTEM : AUXILIARY FEEDWATER
	0588 CATEG.: A								TAG : HCV-09-2B REL P
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1951

EQUIPMENT DESCRIPTION		ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION. ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
			1	2	3	4	5	6	7	
TAG NO :	H2 ANLR SAMPLE PUMP MOTOR	OPERABIL-ITY	<1000HRS	>=5 YRS	FSAR TABLE 3.11-2	EA&T PROJ. 1035 THRU	COMB. TEST &	/	NONE	ACCEL TIME: 100DAYS
		NORM/TEST	<30DYS DBA	>=3000CYCL	OPER.REV.	REV3 REF2	EXTRA-			
EQUIPMENT: TYPE	HYDROGEN ANALYZER	DBA	<500CYCDBA		TECH.SPECS	NOTE 2	POL'N			ACCEL TEMP: PER IND EQUI
		TEMPERAT-URE	85.5F NORM	> 104F NRM	TAB25	SPEC 140A&	COMB.	M	NONE	
COMPONENT:	SAMPLE PUMP MOTOR			100DY. DBA	SL2-FSAR	EA&T1035-8	TEST &			REPLACEMENT: LATER
			112F1200HR	PROFILE >	TABLE311-1	REV 3 TBL	EXTRA-			
			104FDESIGN	SL2PROFILE	T392	F-1 NOTE 2	POL'N			
MANUFACTURER:	RELIANCE ELEC.	PRESSURE	ATMOS NORM	ATMOS	PAB25	ATMOS EA&T	COMB.	M	NONE	MAINTAIN.: LATER
			OPSIG	SAMPLE>SL2	SL2-FSAR	1035-8REV3	TEST &			
MAJOR SUPPLIER :	COMSIP INC.		(ACC. DBA)	REQ.	TABLE311-1	TBL F-1	EXTRA-			SUBCOMPONENTS:
					P392	NOTE 2	POL'N			1.TO BE IDENTIFIED
MODEL AND: SERIAL #	1YF88264OA2ONE	RELATIVE HUMIDITY	70.0% NORM	25-75%NROM	HAB25	EA&T PROJ.	COMB.	/	NONE	FOR FPL INVENTORY
				90+ -5%	SL2-FSAR	1035-8REV3	TEST &			USE ON FUTURE CES
			72.0%1200H	ACC.	TABLE311-1	TBL F-1	EXTRA-			UPDATE(CONSISTS OF
FUNCT.DES: & SERVICE	H2 ANALYZER SYSTEM TO PROVIDE POST DBA H2 SAMPLING		43% DESIGN		H392	REF2 NOTE2	POL'N			VALVES,INSTRUMNTS, ISTS OF VALVES,INS
		CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	2.EQUIP.QUALIFIED TO IEEE323-74,334-74,382-72,383-74
ACCUR. SPEC:	NOT APPLICABLE									74,382-72,383-74.
ACCUR. DEM.:	NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	310 1.0E4 3.5E5 8.8E4 5.3E5 1.2E5 1.0E4 5.0E4	1E6 RADS NRML SAMPL POST DBA>= SL2 REQ.	RAB25I SL2-FSAR TABLE311-1 R393	EA&T PROJ. 1035-8 REV.3 TBLF-1NTE2	COMB. TEST & EXTRA- POL'N	M	NONE
SPECIFICATIONS:	140A									
P.O #: 422628 CWD # : /		AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	EA&T PROJ 1035-1 REV 1 NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.:	AB25									
COORDINATES	X- 582.0 Y- 1484.0 Z- 20.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 6.2-62
INSTALLED (Y/N):	NO									
INSTAL. REF:	FV0155									
QUALIF EXEMPTN:	NOT EXEMPT									

PARAMETER	SUPPL. REVIEW
OPERABILITY	13.1
TEMPERATURE T	13.1
PRESSURE P	13.1
REL. HUMDTY H	13.1
CHEM. SPRAY C	13.1
RADIATION R	13.1
AGING	13.1
SUBMERGENCE S	13.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.SYST.FUNC.DESCRIBED IN FSAR SEC.6.2.5.2&FIG.6.2-62
2.QUAL.BASED ON SAMPLING TO START 15 MIN. POST DBA TO START 15MIN. POST DBA

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 13.1

****
QUALIF* QUALIFIED *STATUS* *******
****

PHYS DWG REF: 2998G-392
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 13.1

SAR ENV CAT: D
O588 CATEG.: A
APPENDIX E

REVISION # :03
DATE :08/30/82

SYSTEM :HYDROGEN SAMPLING
TAG :H2 ANLR SAMPLE

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1952

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : SE-02-01	OPERABIL-ITY NORM/TEST DBA	40 YRS NORM 1 MINUTE POST DBA	40 YRS 18000 CYCL 32 CYCLS DURING DBA	SL2 FSAR TABLE 3.11-2	RPT#2375 APP.A PG.6 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 792 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 350F
COMPONENT: SOLENOID VALVE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	108F NORM FIG. 10 ACC DBA	TRB15 SL2-FSAR TABLE311-1 T365	RPT#2375 APP.A PG.9 PG. 6,10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INST. MANUAL
MANUFACTURER:TARGET ROCK									MAINTAIN.: SEE INST. MANUAL
MAJOR : NOT SUPPLIER APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	ATMOS NORM FIG. 9 (ACC. DBA)	PRB15 SL2-FSAR TABLE311-1 P365	RPT#2375 APP.A PG.9 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: 740-005-1 SERIAL # 1	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100% ACCIDENT ABNORMAL	HRB15 SL2-FSAR TABLE311-1 H365	RPT#2375 APP.A PG.9 PG.6,10 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: CHARGING LINE & SERVICE ISOL VALVE									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B 50PPM OF HYDRAZINE PH 8.6-10	CRB15 SL2-FSAR TABLE311-1 C365	RPT#2375 APP.A PG.9 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									NOTE1)SUBMERGED VALVES COVERED BY TARGET ROCK REPORT #1681
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	12.0E6 3.0E5 12.9E7 2.1E6 13.5E7 2.2E6 16.0E4 2.5E5	3.53E7RADS INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	RPT#2375 APP.C PGS. 1-3 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:110A									
P.O #:422662 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YEARS	10CFR50 PARA 50.51	RPT#2375 APP.A PG.6 APP.F(APP. II,P.3)REF1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB15									
COORDINATES X- 650.0 Y- 1549.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOTE 1	SRB15 SL2-FSAR TABLE311-1 S365	NOTE 1	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): NO									
INSTAL. REF:FV0204	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:35.6
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	35.6							
QUALIF QUALIFIED-FOR	TEMPERATURE T	35.6							
STATUS INTERIM OPERATION	PRESSURE P	35.6							
********	REL. HUMDTY H	35.6							
*	CHEM. SPRAY C	35.6							
	RADIATION R	35.6	REFERENCES: 1.IEEE 323-74,382-72 USED IN THE QUALIFICATION.						
PHYS DWG REF: 2998G-365	AGING	35.6							
PHYS DWG LOC:	SUBMERGENCE S	35.6							REVISION # :03 DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 35.6	SAR ENV CAT: A								SYSTEM :CHEMICAL&VOL CONTROL TAG :SE-02-01
	0588 CATEG.: A								
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1953

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : SE-02-02	OPERABIL-ITY NORM/TEST DBA	40 YRS NOR M 1 MINUTE POST DBA	40 YRS 18000 CYCL 32 CYCLS POST DBA	SL2 FSAR TABLE 3.11-2	RPT#2375 APP.A PG.6 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 792 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 350F
COMPONENT: SOLENOID VALVE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	108F NORM FIG. 10 ACC DBA	TRB15 SL2-FSAR TABLE311-1 T365	RPT#2375 APP.A PG.9 PG. 6,10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INST. MANUAL
MANUFACTURER: TARGET ROCK									MAINTAIN.: SEE INST. MANUAL
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	ATMOS NORM FIG. 9 (ACC. DBA)	PRB15 SL2-FSAR TABLE311-1 P365	RPT#2375 APP.A PG.9 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: 740-1005-1/5	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100% ACCIDENT ABNORMAL	HRB15 SL2-FSAR TABLE311-1 H365	RPT#2375 APP.A PG.9 PG.6,10 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: CHARGING LINE & SERVICE ISOL VALVE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B 50PPM OF HYDRAZINE PH 8.6-10	CRB15 SL2-FSAR TABLE311-1 C365	RPT#2375 APP.A PG.9 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									NOTE1)SUBMERGED VALVES COVERED BY TARGET ROCK REPORT #1681
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	3.53E7RADS INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	RPT#2375 APP.C PGS. 1-3 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 110A									
P.O #:422662 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YEARS	10CFR50 PARA 50.51	RPT#2375 APP.A PG.6 APP.F(APP. II,P.3)REF1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: RB15									
COORDINATES X- 648.0 Y- 1547.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOTE 1	SRB15 SL2-FSAR TABLE311-1 S365	NOTE 1	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0397	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 35.6
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	35.6							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	TEMPERATURE T PRESSURE P REL. HUMDTY H CHEM. SPRAY C RADIATION R	35.6 35.6 35.6 35.6 35.6							
PHYS DWG REF: 2998G-365	AGING	35.6	REFERENCES: 1.IEEE 323-74,382-72 USED IN THE QUALIFICATION.						
PHYS DWG LOC:	SUBMERGENCE S	35.6							
MOUNTING : NOT APPLICABLE									REVISION # :03
EQ PACK # : 35.6	SAR ENV CAT: A 10588 CATEG.: A APPENDIX E								DATE :08/30/82
									SYSTEM :CHEMICAL&VOL CONTROL
									TAG :SE-02-02

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1954

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : SE-02-03	OPERABILITY NORM/TEST	40 YRS NOR M 1 MINUTE POST DBA	40 YRS 18000 CYCL 32 CYCLS POST DBA	SL2 FSAR TABLE 3.11-2	RPT#2375 APP.A PG.6 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 792 HRS
EQUIPMENT: VALVE OPERATORS TYPE	DBA								ACCEL TEMP: 350F
COMPONENT: SOLENOID VALVE	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	108F NORM FIG. 10 ACC DBA	TRB15 SL2-FSAR TABLE311-1 T365	RPT#2375 APP.A PG.9 PG. 6,10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INST. MANUAL
MANUFACTURER: TARGET ROCK									MAINTAIN.:
MAJOR : NOT SUPPLIER APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	ATMOS NORM FIG. 9 (ACC. DBA)	PRB15 SL2-FSAR TABLE311-1 P365	RPT#2375 APP.A PG.9 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	SEE INST. MANUAL SUBCOMPONENTS:
MODEL AND: 740-003-1/110 SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100% ACCIDENT ABNORMAL	HRB15 SL2-FSAR TABLE311-1 H365	RPT#2375 APP.A PG.9 PG.6,10 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: AUXILIARY & SERVICE SPRAY ISOL VALVE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B 50PPM OF HYDRAZINE PH 8.6-10	CRB15 SL2-FSAR TABLE311-1 C365	RPT#2375 APP.A PG.9 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									NOTE1)SUBMERGED
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	3.53E7RADS INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	RPT#2375 APP.C PGS. 1-3 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	VALVES COVERED BY TARGET ROCK REPORT #1681
SPECIFICATIONS: 110A									
P.O #:422662 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YEARS	10CFR50 PARA 50.51	RPT#2375 APP.A PG.6 APP.F(APP. I,P.3)REF1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB15									ESF
COORDINATES X- 652.0 Y- 1551.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOTE 1	SRB15 SL2-FSAR TABLE311-1 S365	NOTE 1	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									

INSTAL. REF:FV0398

QUALIF EXEMPTN: NOT APPLIC

PARAMETER	SUPPL. REVIEW
OPERABILITY	35.6
TEMPERATURE T	35.6
PRESSURE P	35.6
REL. HUMDTY H	35.6
CHEM. SPRAY C	35.6
RADIATION R	35.6
AGING	35.6
SUBMERGENCE S	35.6

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:35.6

****
QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION
****
****

REFERENCES: 1.IEEE 323-74,382-72 USED IN THE QUALIFICATION.

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 35.6

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

REVISION # :03
DATE :08/30/82

SYSTEM :CHEMICAL&VOL CONTROL
TAG :SE-02-03

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1955

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : SE-02-04	OPERABILITY NORM/TEST DBA	40 YRS NOR M 1 MINUTE POST DBA	40 YRS 18000 CYCL 32 CYCLS POST DBA	SL2 FSAR TABLE 3.11-2	RPT#2375 APP.A PG.6 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 792 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 350F
COMPONENT: SOLENOID VALVE	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	108F NORM FIG. 10 ACC DBA	TRB15 SL2-FSAR TABLE311-1 T365	RPT#2375 APP.A PG.9 PG. 6,10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: SEE INST. MANUAL
MANUFACTURER: TARGET ROCK									MAINTAIN.:
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	ATMOS NORM FIG. 9 (ACC. DBA)	PRB15 SL2-FSAR TABLE311-1 P365	RPT#2375 APP.A PG.9 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	SEE INST. MANUAL SUBCOMPONENTS:
MODEL AND SERIAL #: 740-003-1/4	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100% ACCIDENT ABNORMAL	HRB15 SL2-FSAR TABLE311-1 H365	RPT#2375 APP.A PG.9 PG.6,10 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE AUXILIARY SPRAY ISOL VALVE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B 50PPM OF HYDRAZINE PH 8.6-10	CRB15 SL2-FSAR TABLE311-1 C365	RPT#2375 APP.A PG.9 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									NOTE1)SUBMERGED
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	2.0E6 2.9E7 3.5E7 6.0E4	3.53E7RADS INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	RPT#2375 APP.C PGS. 1-3 REF.1	H	NONE	VALVES COVERED BY TARGET ROCK REPORT #1681
SPECIFICATIONS: 110A									
P.O #:422662 CWD # : /	AGE- INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YEARS	10CFR50 PARA 50.51	RPT#2375 APP.A PG.6 APP.F(APP.I,P.3) REF1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB15									ESF
COORDINATES X- 651.0 Y- 1550.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOTE 1	SRB15 SL2-FSAR TABLE311-1 S365	NOTE 1	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0399	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:35.6
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	35.6							
QUALIF QUALIFIED-FOR	TEMPERATURE T	35.6							
STATUS INTERIM OPERATION	PRESSURE P	35.6							
	REL. HUMDTY H	35.6							
	CHEM. SPRAY C	35.6	REFERENCES: 1. IEEE 323-74,382-72 USED IN THE QUALIFICATION.						
	RADIATION R	35.6							
PHYS DWG REF: 2998G-365	AGING	35.6							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	35.6							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 35.6	SAR ENV CAT: A								SYSTEM :CHEMICAL&VOL CONTROL
	0588 CATEG.: A								TAG :SE-02-04
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1956

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : SE-08-1	OPERABIL-ITY	40 YRS NOR M 1 MINUTE POST DBA	40 YRS 18000 CYCL 14 DAYS POST DBA	SL2 FSAR TABLE 3.11-2	RPT#2375 APP.A PG.6 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 792 HRS
EQUIPMENT: VALVE OPERATORS	NORM/TEST DBA								
TYPE									ACCEL TEMP: 350F
COMPONENT: SOLENOID VALVE	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	122F NORM ENVELOPES FIG. C-1A (ACC. DBA)	TTB23A SL2-FSAR TABLE311-1 T408 2C	RPT#2375 APP.A P.9, 10 PG.6 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: INSTR.MANUAL
MANUFACTURER: TARGET ROCK									MAINTAIN.: INSTR.MANUAL
MAJOR : NOT SUPPLIER APPLICABLE	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	ATMOS.NORM ENVELOPES FIG.C-1B (ACC. DBA)	PTB23A SL2-FSAR TABLE311-1 P408 2C	RPT#2375 APP.A PG.9 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: 77CC001 SERIAL # 1	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100% ACCIDENT ABNORMAL	HTB23A SL2-FSAR TABLE311-1 H408 2C	RPT#2375 APP.A PG.9 PG.10 PG.6 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: AUX. TURBINE & SERVICE WARM UP SUPPLY									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23A SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	1.0E5 INTEG RATED DOSE	3.53E7RADS INTEGRATED DOSE	RTB23A SL2-FSAR TABLE311-1 R408 2C	RPT#2375 APP.C PG.5 1-3 REF.1	COMB. TEST & EXTRA- POL'N	M	NONE	
SPECIFICATIONS: 110A									
P.O #:422662 CWD # : 0638/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YEARS	10CFR50 PARA 50.51	RPT#2375 APP.A PG.6 APP.A(AP.I PG.3) REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: TB23									
COORDINATES X- 721.0 Y- 1414.0 Z- 28.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23A SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0210	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 35.6
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	35.6							
QUALIF QUALIFIED-FOR	TEMPERATURE T	35.6							
STATUS INTERIM OPERATION	PRESSURE P	35.6							
********	REL. HUMDTY H	35.6							
*	CHEM. SPRAY C	35.6	REFERENCES: 1) IEEE323-74, 382-72 USED IN THE QUALIFICATION						
**********	RADIATION R	35.6							
PHYS DWG REF: 2998G-408 2C	AGING	35.6							REVISION # : 03
PHYS DWG LOC:	SUBMERGENCE S	35.6							DATE : 08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 35.6	SAR ENV CAT: K								SYSTEM : MAIN STEAM
	0588 CATEG.: A								TAG : SE-08-1
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1957

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : SE-08-2	OPERABIL-ITY NORM/TEST DBA	40 YRS NOR M 1 MINUTE POST DBA	40 YRS 18000 CYCL 14 DAYS POST DBA	SL2 FSAR TABLE 3.11-2	RPT#2375 APP.A PG.6 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 792 HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 350F
COMPONENT: SOLONOID VALVE	TEMPERAT-URE	108F NORM FIG. C-1A 136F1200HR 127FDESIGN	122F NORM ENVELOPES FIG. C-1A (ACC. DBA)	TTB23B SL2-FSAR TABLE311-1 T408 2C	RPT#2375 APP.A P.9, 10 PG.6 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: INSTR.MANUAL
MANUFACTURER: TARGET ROCK									MAINTAIN.: INSTR.MANUAL
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	ATMOS.NORM FIG. C-1B (ACC. DBA)	ATMOS.NORM ENVELOPES FIG.C-1B (ACC. DBA)	PTB23B SL2-FSAR TABLE311-1 P408 2C	RPT#2375 APP.A PG.9 PG.10 REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: 77CC001	RELATIVE HUMIDITY	48.0% NORM 100% (ACC. DBA)	100% ACCIDENT ABNORMAL	HTB23B SL2-FSAR TABLE311-1 H408 2C	RPT#2375 APP.A PG.9 PG.10 PG.6 REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE AUX. TURBINE WARM UP SUPPLY									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CTB23B SL2-FSAR TABLE311-1 C408 2C	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	1.0E5 INTEG RATED DOSE	3.53E7RADS INTEGRATED DOSE	RTB23B SL2-FSAR TABLE311-1 R408 2C	RPT#2375 APP.C PG.5 11-3 REF.1	COMB. TEST & EXTRA- POL'N	M	NONE
SPECIFICATIONS: 110A									
P.O #:422662 CWD # : 0638/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YEARS	10CFR50 PARA 50.51	RPT#2375 APP.A PG.6 APP.A(AP.I PG.3) REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: TB23									
COORDINATES X- 691.0 Y- 1408.0 Z- 28.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	STB23B SL2-FSAR TABLE311-1 S408 2C	NOT APPLICABLE	NOT APPLIC ABLE	M	NONE	AUTH. REFERENCE: 7.3-2
INSTALLED (Y/N): NO									
INSTAL. REF: FV0211									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	35.6
TEMPERATURE T	35.6
PRESSURE P	35.6
REL. HUMDTY H	35.6
CHEM. SPRAY C	35.6
RADIATION R	35.6
AGING	35.6
SUBMERGENCE S	35.6

QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION

PHYS DWG REF: 2998G-408 2C
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 35.6

SAR ENV CAT: K
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)IEEE323-74,382-72 USED IN THE QUALIFICATION

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:35.6

REVISION # :03
DATE :08/30/82

SYSTEM :MAIN STEAM
TAG :SE-08-2

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1959

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PENET D8	OPERABIL-ITY	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TRATIONS	NORM/TEST DBA								ACCEL TEMP: 320F/250F
TYPE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
COMPONENT: ELECTRICAL PENETRATIONS									
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL #: 7310 SERIES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE: SEALED CONDUCTORS THROUGH CONTAINMENT									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03- 9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1473.00 Z- 27.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0330	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.1							
**********	TEMPERATURE T	15.1							
QUALIF RETEST *STATUS*	PRESSURE P	15.1							
********	REL. HUMDTY H	15.1							
*	CHEM. SPRAY C	15.1							
**********	RADIATION R	15.1							
PHYS DWG REF: 2998G-365	AGING	15.1							
PHYS DWG LOC:	SUBMERGENCE S	15.1							
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.1	SAR ENV CAT: A								
	0588 CATEG.: A								
	APPENDIX E								

REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-IPS-585.3, IPS-585.4, IPS-585.2

REVISION # :03
DATE :08/30/82

SYSTEM :PENETRATIONS

TAG :PENET D8

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1960

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PENET D7	OPERABILITY NORM/TEST DBA	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS									ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL #: 7310 SERIES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE SEALED CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03- 9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1470.00 Z- 27.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0329									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	15.1
TEMPERATURE T	15.1
PRESSURE P	15.1
REL. HUMDTY H	15.1
CHEM. SPRAY C	15.1
RADIATION R	15.1
AGING	15.1
SUBMERGENCE S	15.1

QUALIF RETEST *STATUS*	

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.1

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-585.3, IPS-585.4, IPS-585.2

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1

REVISION # :03
DATE :08/30/82

SYSTEM :PENETRATIONS

TAG :PENET D7

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1961

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PENET E3	OPERABIL-ITY NORM/TEST DBA	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS									ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERAT-URE	120F NORM FIG3.11-3 (ACC.DBA)	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP									MAINTAIN.: NOT APPLICABLE
MAJOR : NOT APPLICABLE SUPPLIER	PRESSURE	OPSIG NORM FIG3.11-2A (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS: REF.2:NEW CONAX
MODEL AND: 7310 SERIES SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	TEST REPORT(IPS-850) JUST RECEIVED AND UNDER REVIEW BY EBASCO.COMMENTS
FUNCT.DES: SEALED & SERVICE CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	TO VENDOR ARE IN PROGRESS
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 5.8E7 6.2E5 3.7E7 2.4E6 4.8E7 3.8E6	2.0E8 TOTAL INTEGRATED DOSE	RRB15 SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 14570 Z- 24.0	SUBMERGED	26.0 FT FIG 3.11-4	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	/	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0336	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.1							
QUALIF RETEST *STATUS*	TEMPERATURE	15.1							
	PRESSURE	15.1							
	REL. HUMDTY	15.1							
	CHEM. SPRAY	15.1							
	RADIATION	15.1							
	AGING	15.1							
PHYS DWG REF: 2998G-365	SUBMERGENCE	15.1							
PHYS DWG LOC:			REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-IPS-585.3, IPS-585.4, IPS-585.2 2 SEE SUBCOMPONENTS						REVISION # :03 DATE :08/30/82
MOUNTING : NOT APPLICABLE									SYSTEM :PENETRATIONS
EQ PACK # : 15.1	SAR ENV CAT: A								TAG :PENET E3
	10588 CATEG.: A								
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1962

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM.	QUALIF.	DOCUMENTATION ACTUAL	DEM.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2		3	4	5	6	7	
TAG NO : PENET E1	OPERABIL-ITY NORM/TEST DBA	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA		SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS										ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)		TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP										MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)		PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: 7310 SERIES SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%		HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	REF.2:NEW CONAX TEST REPORT(IPS-850) JUST RECEIVED AND UNDER REVIEW BY EBASCO.COMMENTS TO VENDOR ARE IN PROGRESS
FUNCT.DES: & SERVICE SEALED CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41		CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE										
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE		RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307										
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS		10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15										
COORDINATES X- 635.00 Y- 1452.00 Z- 24.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2		SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES INSTAL. REF.: FV0333 QUALIF EXEMPTN: NOT APPLIC	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #							QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1
QUALIF RETEST *STATUS*	OPERABILITY	15.1								
	TEMPERATURE T	15.1								
	PRESSURE P	15.1								
	REL. HUMDTY H	15.1								
	CHEM. SPRAY C	15.1								
	RADIATION R	15.1	REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-585.3, IPS-585.4, IPS-585.2 2 SEE SUBCOMPONENTS							
	AGING	15.1								
	SUBMERGENCE S	15.1								
PHYS DWG REF: 2998G-365 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 15.1	SAR ENV CAT: A 10588 CATEG.: A APPENDIX E									REVISION # :03 DATE :08/30/82 SYSTEM :PENETRATIONS TAG :PENET E1

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- .3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1963

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PENET E2	OPERABIL-ITY / NORM/TEST	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS	DBA	POST DBA							ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER:CONAX CORP									MAINTAIN.: NOT APPLICABLE
MAJOR : NOT APPLICABLE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: 7310 SERIES SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	REF.2:NEW CONAX TEST REPORT(IPS-850) JUST RECEIVED AND UNDER REVIEW BY EBASCO.COMMENTS
FUNCT.DES: SEALED & SERVICE CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	TO VENDOR ARE IN PROGRESS
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:307									
P.O #:422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1454.00 Z- 24.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF.:FV0335	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:15.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.1							
QUALIF RETEST *STATUS*	TEMPERATURE	T 15.1							
	PRESSURE	P 15.1							
	REL. HUMDTY	H 15.1							
	CHEM. SPRAY	C 15.1							
	RADIATION	R 15.1							
	AGING	15.1							
PHYS DWG REF: 2998G-365	SUBMERGENCE	S 15.1							
PHYS DWG LOC:									
MOUNTING : NOT APPLICABLE	SAR ENV CAT: A								
EQ PACK # : 15.1	0588 CATEG.: A								
	APPENDIX E								

REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS:IPS-573,IPS-343.1,IPS-IPS-585.3,IPS-585.4,IPS-585.2 2 SEE SUBCOMPONENTS

REVISION # :03
DATE :08/30/82

SYSTEM :PENETRATIONS

TAG :PENET E2

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1964

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PENET E10	OPERABILITY	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TRATIONS	NORM/TEST DBA								ACCEL TEMP: 320F/250F
TYPE	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
COMPONENT: ELECTRICAL PENETRATIONS									REPLACEMENT: NOT APPLICABLE
MANUFACTURER:CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : 7310 SERIES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	REF.2:NEW CONAX TEST REPORT(IPS-850) JUST RECEIVED AND UNDER REVIEW BY EBASCO.COMMENTS TO VENDOR ARE IN PROGRESS
FUNCT.DES: & SERVICE SEALED CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:307									
P.O #:422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1480.00 Z- 24.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF:FV0334	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:15.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.1							
QUALIF RETEST *STATUS*	TEMPERATURE	T 15.1							
	PRESSURE	P 15.1							
	REL. HUMDTY	H 15.1							
	CHEM. SPRAY	C 15.1							
	RADIATION	R 15.1	REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS:IPS-573,IPS-343.1,IPS-IPS-585.3,IPS-585.4,IPS-585.2 2 SEE SUBCOMPONENTS						
PHYS DWG REF: 2998G-365	AGING	15.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 15.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									SYSTEM :PENETRATIONS
EQ PACK # : 15.1	SAR ENV CAT: A 0588 CATEG.: A APPENDIX E								TAG :PENET E10

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1965

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PENET D5	OPERABIL-ITY /NORM/TEST /DBA	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS /POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS									ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS /SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP									MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS /SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1.	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND: 7310 SERIES SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT /#IPS353.10 /PG.20 /SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: SEALED & SERVICE CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. /PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 /TOTAL /INTEGRATED /DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1464.00 Z- 27.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0327	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	15.1							
	PRESSURE P	15.1							
	REL. HUMDTY H	15.1							
	CHEM. SPRAY C	15.1							
	RADIATION R	15.1	REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-IPS-585.3, IPS-585.4, IPS-585.2						REVISION # :03 DATE :08/30/82
PHYS DWG REF: 2998G-365	AGING	15.1							
PHYS DWG LOC:	SUBMERGENCE S	15.1							
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.1	SAR ENV CAT: A								SYSTEM :PENETRATIONS
	0588 CATEG.: A								
	APPENDIX E								TAG :PENET D5

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1966

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PENET PLEP-1	OPERABIL-ITY	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS	NORM/TEST DBA								ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERATURE	120F NORM FIG3.11-3 (ACC.DBA)	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG3.11-2A (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL #: 7310 SERIES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE SEALED CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 5.8E7 6.2E5 3.7E7 2.4E6 4.8E7 3.8E6	2.0E8 TOTAL INTEGRATED DOSE	RRB15 SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- ADJACENTO Z- AB25	SUBMERGED	26.0 FT FIG 3.11-4	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	/	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF: FV0179	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.1							
QUALIF RETEST *STATUS*	TEMPERATURE	15.1							
	PRESSURE	15.1							
	REL. HUMDTY	15.1							
	CHEM. SPRAY	15.1							
	RADIATION	15.1	REFERENCES: QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-IPS-585.3, IPS-585.4, IPS-585.2						
PHYS DWG REF: 2998G-365	AGING	15.1							REVISION # : 03
PHYS DWG LOC:	SUBMERGENCE	15.1							DATE : 08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.1	SAR ENV CAT: A								SYSTEM : PENETRATIONS
	0588 CATEG.: A								
	APPENDIX E								TAG : PENET PLEP-1

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1967

EQUIPMENT DESCRIPTION		ENVIRONMENT PARAMETER	ACTUAL	DEM.	QUALIF.	DOCUMENTATION ACTUAL	DEM.	QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
			1	2		3	4		5	6	7	
TAG NO :	PENET ELEP-1	OPERABIL-ITY	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA		SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: TYPE	ELECTRICAL PENE TRATIONS	NORM/TEST DBA										ACCEL TEMP: 320F/250F
COMPONENT:	ELECTRICAL PENETRATIONS	TEMPERAT-URE	120F NORM FIG3.11-3 (ACC.DBA)	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)		TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER:	CONAX CORP											MAINTAIN.:
MAJOR : SUPPLIER	NOT APPLICABLE	PRESSURE	OPSIG NORM FIG3.11-2A (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)		PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND: SERIAL #	7310 SERIES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%		HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1		COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE	SEALED CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ	6200 PPM B. PH 9.03- 9.41		CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC:	NOT APPLICABLE		PH 4.9-7.0									
ACCUR. DEM.:	NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 5.8E7 6.2E5 3.7E7 2.4E6 4.8E7 3.8E6	2.0E8 TOTAL INTEGRATED DOSE		RRB15 SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:	307											
P.O #: 422562 CWD # : /		AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS		10CFR50 PARA 50.51	DEM QUAL SEE REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.:	RB15											
COORDINATES X-	635.00	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE		SFH22 SL2-FSAR TABLE311-1 S	NOT APPLICABLE		COMB. TEST & EXTRA- POL'N	M	NONE	
Y-	1567.00											
Z-	68.0											AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N):	YES											
INSTAL. REF:	FV0332	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #								QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1
QUALIF EXEMPTN:	NOT APPLIC	OPERABILITY	15.1									
QUALIF RETEST *STATUS*		TEMPERATURE	15.1									
		PRESSURE	15.1									
		REL. HUMDTY	15.1									
*		CHEM. SPRAY	15.1									
		RADIATION	15.1									
PHYS DWG REF:	2998G-365	AGING	15.1									
PHYS DWG LOC:		SUBMERGENCE S	15.1									
MOUNTING :	NOT APPLICABLE											
EQ PACK # :	15.1	SAR ENV CAT: A 0588 CATEG.: A APPENDIX E		REFERENCES: QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-IPS-585.3, IPS-585.4, IPS-585.2								REVISION # :03 DATE :08/30/82 SYSTEM :PENETRATIONS TAG :PENET ELEP-1

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1968

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PENET C10	OPERABIL-ITY	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TRATIONS	NORM/TEST DBA								ACCEL TEMP: 320F/250F
TYPE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
COMPONENT: ELECTRICAL PENETRATIONS									REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL #: 7310 SERIES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE: SEALED CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1480.00 Z- 30.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF: FV0312	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	15.1							
QUALIF RETEST	TEMPERATURE T	15.1							
STATUS	PRESSURE P	15.1							
********	REL. HUMDTY H	15.1							
*	CHEM. SPRAY C	15.1							
**********	RADIATION R	15.1	REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-585.3, IPS-585.4, IPS-585.2						
PHYS DWG REF: 2998G-365	AGING	15.1							REVISION # : 03
PHYS DWG LOC:	SUBMERGENCE S	15.1							DATE : 08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.1	SAR ENV CAT: A								SYSTEM : PENETRATIONS
	0588 CATEG.: A								
	APPENDIX E								TAG : PENET C10

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1969

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PENET D6	OPERABIL-ITY	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TRATIONS	NORM/TEST DBA								ACCEL TEMP: 320F/250F
TYPE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
COMPONENT: ELECTRICAL PENETRATIONS									REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : 7310 SERIES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE: SEALED CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1467.00 Z- 27.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0328	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	15.1							
	PRESSURE P	15.1							
	REL. HUMDTY H	15.1							
	CHEM. SPRAY C	15.1							
	RADIATION R	15.1							
PHYS DWG REF: 2998G-365	AGING	15.1							
PHYS DWG LOC:	SUBMERGENCE S	15.1							
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.1	SAR ENV CAT: A								
	0588 CATEG.: A								
	APPENDIX E		REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-IPS-585.3, IPS-585.4, IPS-585.2						REVISION # :03 DATE :08/30/82
									SYSTEM :PENETRATIONS
									TAG :PENET D6

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1970

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PENET D9	OPERABIL-ITY /NORM/TEST /DBA	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS /POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS									ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL. SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR : NOT APPLICABLE SUPPLIER									SUBCOMPONENTS:
MODEL AND: 7310 SERIES SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: SEALED & SERVICE CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	2.0E6 2.9E7 3.5E7 6.0E4	3.0E5 2.1E6 2.2E6 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE- /INST LIFE /(PER 323- /1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1477.00 Z- 27.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0331									
QUALIF EXEMPTN: NOT APPLIC									

PARA-METER	SUPPL. REVIEW
OPERABILITY	15.1
TEMPERATURE T	15.1
PRESSURE P	15.1
REL. HUMDTY H	15.1
CHEM. SPRAY C	15.1
RADIATION R	15.1
AGING	15.1
SUBMERGENCE S	15.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-IPS-585.3, IPS-585.4, IPS-585.2

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1

REVISION # :03
DATE :08/30/82

SYSTEM :PENETRATIONS

TAG :PENET D9

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.1

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1971

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PENET E4	OPERABIL-ITY /NORM/TEST /DBA	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS									ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP									MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS: REF.2:NEW CONAX TEST REPORT(IPS-850) JUST RECEIVED AND UNDER REVIEW BY EBASCO.COMMENTS TO VENDOR ARE IN PROGRESS
MODEL AND: 7310 SERIES SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: & SERVICE SEALED CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:307									
P.O #:422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1460.00 Z- 24.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF:FV0337									
QUALIF EXEMPTN: NOT APPLIC									

PARA-METER	SUPPL. REVIEW
OPERABILITY	15.1
TEMPERATURE T	15.1
PRESSURE P	15.1
REL. HUMDTY H	15.1
CHEM. SPRAY C	15.1
RADIATION R	15.1
AGING	15.1
SUBMERGENCE S	15.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS:IPS-573,IPS-343.1,IPS-IPS-585.3,IPS-585.4,IPS-585.2
2 SEE SUBCOMPONENTS

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:15.1

REVISION # :03
DATE :08/30/82

SYSTEM :PENETRATIONS

TAG :PENET E4

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.1

QUALIF RETEST
STATUS

SAR ENV CAT: A
O588 CATEG.: A
APPENDIX E

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1972

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PENET E5	OPERABIL-ITY	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TRATIONS TYPE	NORM/TEST DBA								ACCEL TEMP: 320F/250F
	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
COMPONENT: ELECTRICAL PENETRATIONS									REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP									MAINTAIN.: NOT APPLICABLE
	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS: REF.2:NEW CONAX
MODEL AND: 7310 SERIES SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	TEST REPORT(IPS-850) JUST RECEIVED AND UNDER REVIEW BY EBASCO.COMMENTS TO VENDOR ARE IN
FUNCT.DES: SEALED & SERVICE CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	PROGRESS
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #:422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1464.00 Z- 24.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: EV0338	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	15.1							
	PRESSURE P	15.1							
	REL. HUMDTY H	15.1							
	CHEM. SPRAY C	15.1							
	RADIATION R	15.1	REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-IPS-585.3, IPS-585.4, IPS-585.2 2 SEE SUBCOMPONENTS						
PHYS DWG REF: 2998G-365	AGING	15.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	15.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.1	SAR ENV CAT: A								SYSTEM :PENETRATIONS
	0588 CATEG.: A								
	APPENDIX E								TAG :PENET E5

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1973

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PENET E7	OPERABIL-ITY	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT TYPE: ELECTRICAL PENETRATIONS	NORM/TEST DBA								ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP									MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: 7310 SERIES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	REF.2:NEW CONAX TEST REPORT(IPS-850) JUST RECEIVED AND UNDER REVIEW BY EBASCO.COMMENTS TO VENDOR ARE IN PROGRESS
FUNCT.DES: & SERVICE SEALED CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 2.9E7 3.5E7 6.0E4	3.0E5 2.1E6 2.2E6 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1470.00 Z- 24.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0340	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	15.1							
QUALIF RETEST	TEMPERATURE T	15.1							
STATUS	PRESSURE P	15.1							
********	REL. HUMDTY H	15.1							
*	CHEM. SPRAY C	15.1							
**********	RADIATION R	15.1	REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-IPS-585.3, IPS-585.4, IPS-585.2 2 SEE SUBCOMPONENTS						
PHYS DWG REF: 2998G-365	AGING	15.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	15.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.1	SAR ENV CAT: A								SYSTEM :PENETRATIONS
	0588 CATEG.: A								
	APPENDIX E								TAG :PENET E7

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1974

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : PENET E8	OPERABIL-ITY /NORM/TEST /DBA	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS									ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP									MAINTAIN.: NOT APPLICABLE
MAJOR : NOT APPLICABLE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: 7310 SERIES SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR· TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	REF.2:NEW CONAX TEST REPORT(IPS-850) JUST RECEIVED AND UNDER REVIEW BY EBASCO.COMMENTS TO VENDOR ARE IN PROGRESS
FUNCT.DES: SEALED & SERVICE CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 30 D 1 YR 16.0E4	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE
SPECIFICATIONS: 307									
P.O #:422562 CWD # : /	AGE- INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1473.00 Z- 24.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0341									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER		SUPPL. REVIEW
OPERABILITY		15.1
TEMPERATURE	T	15.1
PRESSURE	P	15.1
REL. HUMDTY	H	15.1
CHEM. SPRAY	C	15.1
RADIATION	R	15.1
AGING		15.1
SUBMERGENCE	S	15.1

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS:IPS-573,IPS-343.1,IPS-IPS-585.3,IPS-585.4,IPS-585.2 2 SEE SUBCOMPONENTS

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:15.1

REVISION # :03
DATE :08/30/82

SYSTEM :PENETRATIONS

TAG :PENET E8

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.1

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1975

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/MI (6)	OUTS ITEMS (7)	
TAG NO : PENET E9	OPERABIL-ITY	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS	NORM/TEST DBA								ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP									MAINTAIN.: NOT APPLICABLE
MAJOR : NOT APPLICABLE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: 7310 SERIES SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	REF.2:NEW CONAX TEST REPORT(IPS-850) JUST RECEIVED AND UNDER REVIEW BY EBASCO.COMMENTS TO VENDOR ARE IN PROGRESS
FUNCT.DES: & SERVICE SEALED CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1477.00 Z- 24.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: EVO342	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	15.1							
QUALIF RETEST	TEMPERATURE T	15.1							
STATUS	PRESSURE P	15.1							
********	REL. HUMDTY H	15.1							
*	CHEM. SPRAY C	15.1							
**********	RADIATION R	15.1							
PHYS DWG REF: 2998G-365	AGING	15.1							
PHYS DWG LOC:	SUBMERGENCE S	15.1							
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.1	SAR ENV CAT: A								
	0588 CATEG.: A								
	APPENDIX E								

REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS:IPS-573,IPS-343.1,IPS-IPS-585.3,IPS-585.4,IPS-585.2
2 SEE SUBCOMPONENTS

REVISION # :03
DATE :08/30/82

SYSTEM :PENETRATIONS

TAG :PENET E9

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1976

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PENET A1	OPERABIL-ITY	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT TYPE: ELECTRICAL PENETRATIONS	NORM/TEST DBA								ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND SERIAL #: 7310 SERIES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: & SERVICE: LVP/C CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1452.00 Z- 36.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0296									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	15.1
TEMPERATURE T	15.1
PRESSURE P	15.1
REL. HUMDTY H	15.1
CHEM. SPRAY C	15.1
RADIATION R	15.1
AGING	15.1
SUBMERGENCE S	15.1

QUALIF RETEST
STATUS

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.1

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-IPS-585.3, IPS-585.4, IPS-585.2

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1

REVISION # :03
DATE :08/30/82

SYSTEM :PENETRATIONS

TAG :PENET A1

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1977

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PENET A2	OPERABIL-ITY /NORM/TEST /DBA	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS									ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP									MAINTAIN.: NOT APPLICABLE
MAJOR : NOT APPLICABLE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND: 7310 SERIES SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: POWER & SERVICE CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50- 65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03- 9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #:422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1454.00 Z- 36.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									

INSTAL. REF: FV0297
QUALIF EXEMPTN: NOT APPLIC

PARAMETER		SUPPL. REVIEW
OPERABILITY		15.1
TEMPERATURE	T	15.1
PRESSURE	P	15.1
REL. HUMDTY	H	15.1
CHEM. SPRAY	C	15.1
RADIATION	R	15.1
AGING		15.1
SUBMERGENCE	S	15.1

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.1

SAR ENV CAT: A
IO588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-585.3, IPS-585.4, IPS-585.2

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1

REVISION # :03
DATE :08/30/82

SYSTEM :PENETRATIONS

TAG :PENET A2

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1978

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PENET A3	OPERABIL-ITY /NORM/TEST /DBA	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS									ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER:CONAX CORP									MAINTAIN.:
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND: 7310 SERIES SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: POWER & SERVICE CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:307									
P.O #:422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1457.00 Z- 36.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF:FV0298									

QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW
**********	OPERABILITY	15.1
QUALIF RETEST	TEMPERATURE T	15.1
STATUS	PRESSURE P	15.1
********	REL. HUMDTY H	15.1
*	CHEM. SPRAY C	15.1
**********	RADIATION R	15.1
PHYS DWG REF: 2998G-365	AGING	15.1
PHYS DWG LOC:	SUBMERGENCE S	15.1
MOUNTING : NOT APPLICABLE		
EQ PACK # : 15.1	SAR ENV CAT: A	
	0588 CATEG.: A	
	APPENDIX E	

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS:IPS-573,IPS-343.1,IPS-IPS-585.3,IPS-585.4,IPS-585.2

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:15.1

REVISION # :03
DATE :08/30/82

SYSTEM :PENETRATIONS

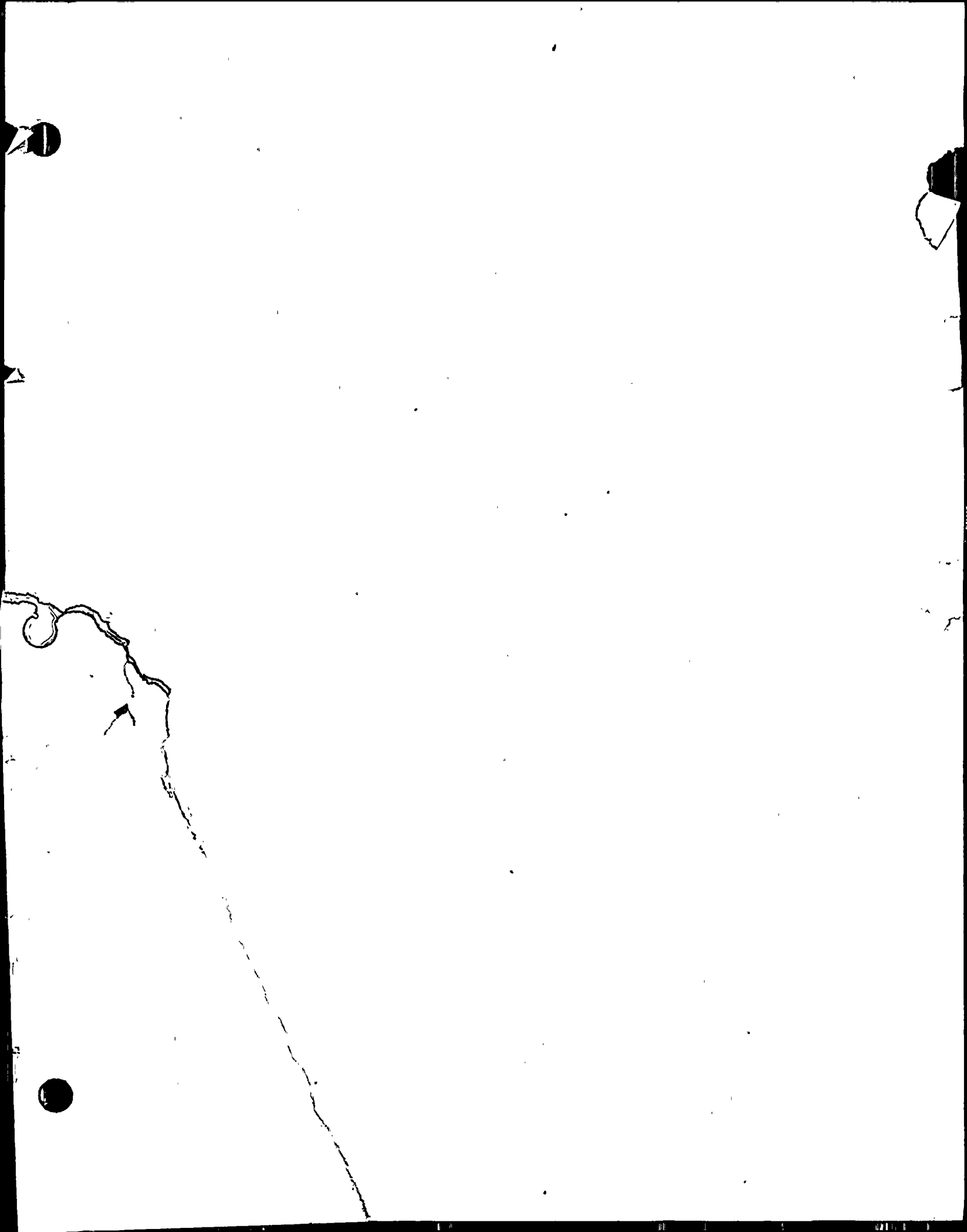
TAG :PENET A3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1979

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PENET A4	OPERABIL-ITY /NORM/TEST	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS									REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.. NOT APPLICABLE
MAJOR : NOT APPLICABLE SUPPLIER									SUBCOMPONENTS:
MODEL AND: 7310 SERIES SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: POWER & SERVICE CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1460.00 Z- 36.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0299	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	15.1							
	PRESSURE P	15.1							
	REL. HUMDTY H	15.1							
	CHEM. SPRAY C	15.1							
	RADIATION R	15.1	REFERENCES: QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-IPS-585.3, IPS-585.4, IPS-585.2						
PHYS DWG REF: 2998G-365	AGING	15.1							REVISION # : 03
PHYS DWG LOC:	SUBMERGENCE S	15.1							DATE : 08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.1	SAR ENV CAT: A								SYSTEM : PENETRATIONS
	0588 CATEG.: A								
	APPENDIX E								TAG : PENET A4

3



8208310265

50-389 Superseded per Rev. 4 to Enviro Qual Rpt + Guidebook Rev 1 10/30/82 Part III

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1980

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PENET A6	OPERABIL-ITY /NORM/TEST /DBA	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP									MAINTAIN.:
MAJOR SUPPLIER : NOT APPLICABLE									NOT APPLICABLE
MODEL AND SERIAL #: 7310 SERIES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA-POL'N	/	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE: POWER CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1467.00 Z- 36.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA-POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0300	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.1							PACKAGE: 15.1
QUALIF RETEST *STATUS*	TEMPERATURE	T 15.1							
	PRESSURE	P 15.1							
	REL. HUMDTY	H 15.1							
	CHEM. SPRAY	C 15.1							
	RADIATION	R 15.1	REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-585.3, IPS-585.4, IPS-585.2						REVISION # :03
PHYS DWG REF: 2998G-365	AGING	15.1							DATE :08/30/82
PHYS DWG LOC:	SUBMERGENCE	S 15.1							
MOUNTING : NOT APPLICABLE									SYSTEM :PENETRATIONS
EQ PACK # : 15.1	SAR ENV CAT: A								
	0588 CATEG.: A								TAG :PENET A6
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1981

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PENET A7	OPERABIL-ITY /NORM/TEST /DBA	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS									ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR : NOT APPLICABLE SUPPLIER									SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND: 7310 SERIES SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: & SERVICE POWER CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 2.9E7 3.5E7 6.0E4	3.0E5 2.1E6 2.2E6 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: R815									
COORDINATES X- 635.00 Y- 1470.00 Z- 36.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0301									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	15.1
TEMPERATURE T	15.1
PRESSURE P	15.1
REL. HUMDTY H	15.1
CHEM. SPRAY C	15.1
RADIATION R	15.1
AGING	15.1
SUBMERGENCE S	15.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1

REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-IPS-585.3, IPS-585.4, IPS-585.2

REVISION # :03
DATE :08/30/82

SYSTEM :PENETRATIONS

TAG :PENET A7

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.1

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

QUALIF RETEST
STATUS

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1982

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PENET A8	OPERABIL-ITY /NORM/TEST /DBA	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP									MAINTAIN.: NOT APPLICABLE
MAJOR : NOT APPLICABLE SUPPLIER									SUBCOMPONENTS:
MODEL AND: 7310 SERIES SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: POWER & SERVICE CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1473.00 Z- 36.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0302	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.1							
QUALIF STATUS	TEMPERATURE T	15.1							
	PRESSURE P	15.1							
	REL. HUMDTY H	15.1							
	CHEM. SPRAY C	15.1							
	RADIATION R	15.1	REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-IPS-585.3, IPS-585.4, IPS-585.2						
	AGING	15.1							
	SUBMERGENCE S	15.1							REVISION # : 03
PHYS DWG REF: 2998G-365									DATE : 08/30/82
PHYS DWG LOC:	SAR ENV CAT: A								
MOUNTING : NOT APPLICABLE	0588 CATEG.: A								SYSTEM : PENETRATIONS
EQ PACK # : 15.1	APPENDIX E								TAG : PENET A8

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1983

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PENET B1	OPERABIL-ITY	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS	NORM/TEST DBA								ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND: SERIAL # 7310 SERIES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: & SERVICE LVP/C CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1452.00 Z- 33.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0303	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1
QUALIF EXEMPTN: NOT APPLIC									
QUALIF RETEST *STATUS*	OPERABILITY	15.1							
	TEMPERATURE T	15.1							
	PRESSURE P	15.1							
	REL. HUMDTY H	15.1							
	CHEM. SPRAY C	15.1							
	RADIATION R	15.1	REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-IPS-585.3, IPS-585.4, IPS-585.2						
PHYS DWG REF: 2998G-365	AGING	15.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	15.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.1	SAR ENV CAT: A								SYSTEM :PENETRATIONS
	0588 CATEG.: A								
	APPENDIX E								TAG :PENET B1

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1984

EQUIPMENT DESCRIPTION		ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. (2)	DOCUMENTATION ACTUAL (3)	DEM. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO :	PENET B2	OPERABIL-ITY /NORM/TEST /DBA	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: TYPE	ELECTRICAL PENETRATIONS									ACCEL TEMP: 320F/250F
COMPONENT:	ELECTRICAL PENETRATIONS	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER:	CONAX CORP									MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER :	NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: SERIAL #	7310 SERIES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE	LVP/C CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC:	NOT APPLICABLE									
ACCUR. DEM.:	NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:	307									
P.O #:	422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.:	RB15									
COORDINATES	X- 635.00 Y- 1454.00 Z- 33.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N):	YES									
INSTAL. REF:	FV0304									
QUALIF EXEMPTN:	NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	15.1
TEMPERATURE T	15.1
PRESSURE P	15.1
REL. HUMDTY H	15.1
CHEM. SPRAY C	15.1
RADIATION R	15.1
AGING	15.1
SUBMERGENCE S	15.1

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.1

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS:IPS-573,IPS-343.1,IPS-IPS-585.3,IPS-585.4,IPS-585.2

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:15.1

REVISION # :03
DATE :08/30/82

SYSTEM :PENETRATIONS

TAG :PENET B2

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1985

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PENET B3	OPERABILITY NORM/TEST DBA	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS									ACCEL TEMP: 320F/250F
	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
COMPONENT: ELECTRICAL PENETRATIONS									REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP									MAINTAIN.: NOT APPLICABLE
	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MAJOR SUPPLIER : NOT APPLICABLE									NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND SERIAL #: 7310 SERIES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: & SERVICE LVP/C CONDUCTORS THROUGH CONTAINMENT									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1457.00 Z- 33.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0305	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	15.1							
	PRESSURE P	15.1							
	REL. HUMDTY H	15.1							
	CHEM. SPRAY C	15.1							
	RADIATION R	15.1							
PHYS DWG REF: 2998G-365	AGING	15.1							
PHYS DWG LOC:	SUBMERGENCE S	15.1							
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.1	SAR ENV CAT: A 0588 CATEG.: A APPENDIX E								REVISION # :03 DATE :08/30/82
			REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-IPS-585.3, IPS-585.4, IPS-585.2						SYSTEM :PENETRATIONS TAG :PENET B3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1986

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PENET B5	OPERABIL-ITY /NORM/TEST	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS	/DBA								ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP									MAINTAIN.:
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND: 7310 SERIES SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: LVP/C & SERVICE CONDUCTORS THROUGH CONTAINMENT									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1464.00 Z- 33.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0307	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	15.1							
QUALIF RETEST	TEMPERATURE T	15.1							
STATUS	PRESSURE P	15.1							
********	REL. HUMDTY H	15.1							
*	CHEM. SPRAY C	15.1							
**********	RADIATION R	15.1	REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-IPS-585.3, IPS-585.4, IPS-585.2						
PHYS DWG REF: 2998G-365	AGING	15.1							REVISION # : 03
PHYS DWG LOC:	SUBMERGENCE S	15.1							DATE : 08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.1	SAR ENV CAT: A								SYSTEM : PENETRATIONS
	0588 CATEG.: A								
	APPENDIX E								TAG : PENET B5

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1987

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PENET B6	OPERABIL-ITY /NORM/TEST /DBA	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS /POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	/DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/ .	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS									ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP									MAINTAIN.:
MAJOR : NOT APPLICABLE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND: 7310 SERIES SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: LVP/C & SERVICE CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1467.00 Z- 33.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0308	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	15.1							
	PRESSURE P	15.1							
	REL. HUMDTY H	15.1							
	CHEM. SPRAY C	15.1							
	RADIATION R	15.1	REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-IPS-585.3, IPS-585.4, IPS-585.2						
PHYS DWG REF: 2998G-365	AGING	15.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	15.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.1	SAR ENV CAT: A								SYSTEM :PENETRATIONS
	10588 CATEG.: A								
	APPENDIX E								TAG :PENET B6

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1988

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PENET B8	OPERABIL-ITY /NORM/TEST /DBA	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS									ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP									MAINTAIN.:
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND: 7310 SERIES SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: LVP/C & SERVICE CONDUCTORS THROUGH CONTAINMENT									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #:422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA-50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1473.00 Z- 33.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: 0310	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.1							
**********	TEMPERATURE T	15.1							
QUALIF RETEST	PRESSURE P	15.1							
STATUS	REL. HUMDTY H	15.1							
********	CHEM. SPRAY C	15.1							
*	RADIATION R	15.1							
**********	AGING	15.1							
PHYS DWG REF: 2998G-365	SUBMERGENCE S	15.1							
PHYS DWG LOC:									
MOUNTING : NOT APPLICABLE	SAR ENV CAT: A								
EQ PACK # : 15.1	0588 CATEG.: A								
	APPENDIX E								

REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-IPS-585.3, IPS-585.4, IPS-585.2

REVISION # :03
DATE :08/30/82

SYSTEM :PENETRATIONS

TAG :PENET B8

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1989

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PENET B9	OPERABIL-ITY /NORM/TEST /DBA	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS									ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER:CONAX CORP									MAINTAIN.:
MAJOR : NOT APPLICABLE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND: 7310 SERIES SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: LVP/C & SERVICE CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	2.0E6 2.9E7 3.5E7 6.0E4	3.0E5 2.1E6 2.2E6 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:307									
P.O #:422562 CWD # : /	AGE- INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1477.00 Z- 33.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF:FV0311									
QUALIF EXEMPTN: NOT APPLIC									

PARA-METER		SUPPL. REVIEW
OPERABILITY		15.1
TEMPERATURE	T	15.1
PRESSURE	P	15.1
REL. HUMDTY	H	15.1
CHEM. SPRAY	C	15.1
RADIATION	R	15.1
AGING		15.1
SUBMERGENCE	S	15.1

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.1

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS:IPS-573,IPS-343.1,IPS-IPS-585.3,IPS-585.4,IPS-585.2

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:15.1

REVISION # :03
DATE :08/30/82

SYSTEM :PENETRATIONS

TAG :PENET B9

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1990

EQUIPMENT DESCRIPTION		ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO :	PENET C2	OPERABIL-ITY	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: TYPE	ELECTRICAL PENETRATIONS	NORM/TEST DBA								ACCEL TEMP: 320F/250F
COMPONENT:	ELECTRICAL PENETRATIONS	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER:	CONAX CORP									MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER :	NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND SERIAL # :	7310 SERIES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: & SERVICE	LVP/C CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC:	NOT APPLICABLE									
ACCUR. DEM.:	NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:	307									
P.O #: 422562 CWD # : /		AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.:	RB15									
COORDINATES X- 635.00 Y- 1454.00 Z- 30.0		SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N):	YES									
INSTAL. REF:	FV0313									
QUALIF EXEMPTN:	NOT APPLIC									

PARAMETER		SUPPL. REVIEW
OPERABILITY		15.1
TEMPERATURE	T	15.1
PRESSURE	P	15.1
REL. HUMDTY	H	15.1
CHEM. SPRAY	C	15.1
RADIATION	R	15.1
AGING		15.1
SUBMERGENCE	S	15.1

QUALIF RETEST
STATUS

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.1

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-IPS-585.3, IPS-585.4, IPS-585.2

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1

REVISION # :03
DATE :08/30/82

SYSTEM :PENETRATIONS

TAG :PENET C2

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1992

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PENET C4	OPERABIL-ITY	40 YRS +	40 YRS >200 DYS	SL2-FSAR TBLE3.11-2	DEM QUAL SEE REF	COMB. TEST & EXTRA-	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE	NORM/TEST DBA	180 DAYS POST DBA	POST DBA	MAXIMUM DURATION	1	POL'N			
TYPE TRATIONS									ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER:CONAX CORP									MAINTAIN.:
	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	NOT APPLICABLE
MAJOR : NOT APPLICABLE SUPPLIER									SUBCOMPONENTS:
MODEL AND: 7310 SERIES SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: LVP/C & SERVICE CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:307									
P.O #:422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1460.00 Z- 30.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): NO									
INSTAL. REF:FV0178	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:15.1
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	15.1							
QUALIF RETEST	TEMPERATURE T	15.1							
STATUS	PRESSURE P	15.1							
********	REL. HUMDTY H	15.1							
*	CHEM. SPRAY C	15.1							
**********	RADIATION R	15.1	REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS:IPS-573,IPS-343.1,IPS-IPS-585.3,IPS-585.4,IPS-585.2						REVISION # :03 DATE :08/30/82
PHYS DWG REF: 2998G-365	AGING	15.1							
PHYS DWG LOC:	SUBMERGENCE S	15.1							
MOUNTING : NOT APPLICABLE									SYSTEM :PENETRATIONS
EQ PACK # : 15.1	SAR ENV CAT: A 10588 CATEG.: A APPENDIX E								TAG :PENET C4

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1993

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PENET C5	OPERABIL-ITY	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TRATIONS TYPE	NORM/TEST DBA								ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL #: 7310 SERIES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE LVP/C CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1464.00 Z- 30.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF: FV0317	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	15.1							
	PRESSURE P	15.1							
	REL. HUMDTY H	15.1							
	CHEM. SPRAY C	15.1	REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-IPS-585.3, IPS-585.4, IPS-585.2						3
	RADIATION R	15.1							
PHYS DWG REF: 2998G-365	AGING	15.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	15.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.1	SAR ENV CAT: A								SYSTEM :PENETRATIONS
	0588 CATEG.: A								
	APPENDIX E								TAG :PENET C5

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1994

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PENET C6	OPERABIL-ITY /NORM/TEST /DBA	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/ .	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS									ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER: CONAX CORP									MAINTAN.: NOT APPLICABLE
MAJOR : NOT APPLICABLE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: 7310 SERIES SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: LVP/C & SERVICE CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1467.00 Z- 30.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF.: FV0318	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	15.1							
	PRESSURE P	15.1							
	REL. HUMDTY H	15.1							
	CHEM. SPRAY C	15.1							
	RADIATION R	15.1		REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS: IPS-573, IPS-343.1, IPS-IPS-585.3, IPS-585.4, IPS-585.2					REVISION # :03 DATE :08/30/82
PHYS DWG REF: 2998G-365	AGING	15.1							
PHYS DWG LOC:	SUBMERGENCE S	15.1							SYSTEM :PENETRATIONS
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.1	SAR ENV CAT: A								TAG :PENET C6
	0588 CATEG.: A								
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1996

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PENET C8	OPERABIL-ITY /NORM/TEST /DBA	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS									ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERAT-URE	115F° NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER:CONAX CORP									MAINTAIN.:
MAJOR : NOT APPLICABLE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND: 7310 SERIES SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: LVP/C & SERVICE CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:307									
P.O #:422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA.50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1473.00 Z- 30.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF:FV0321	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:15.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	15.1							
	PRESSURE P	15.1							
	REL. HUMDTY H	15.1							
	CHEM. SPRAY C	15.1	REFERENCES:	1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS:IPS-573,IPS-343.1,IPS-IPS-585.3,IPS-585.4,IPS-585.2					
	RADIATION R	15.1							
PHYS DWG REF: 2998G-365	AGING	15.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	15.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.1	SAR ENV CAT: A								SYSTEM :PENETRATIONS
	0588 CATEG.: A								
	APPENDIX E								TAG :PENET C8

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1997

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : PENET C9	OPERABIL-ITY /NORM/TEST /DBA	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS									ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER:CONAX CORP									MAINTAIN.: NOT APPLICABLE
MAJOR : NOT APPLICABLE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: 7310 SERIES SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: LVP/C & SERVICE CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:307									
P.O #:422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM 4
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1477.00 Z- 30.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF:FV0322									
QUALIF EXEMPTN: NOT APPLIC									

PARA-METER	SUPPL. REVIEW
OPERABILITY	15.1
TEMPERATURE T	15.1
PRESSURE P	15.1
REL. HUMDTY H	15.1
CHEM. SPRAY C	15.1
RADIATION R	15.1
AGING	15.1
SUBMERGENCE S	15.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS:IPS-573,IPS-343.1,IPS-IPS-585.3,IPS-585.4,IPS-585.2

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:15.1

3

REVISION # :03
DATE :08/30/82

SYSTEM :PENETRATIONS

TAG :PENET C9

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.1

SAR ENV CAT: A
O588 CATEG.: A
APPENDIX E

QUALIF RETEST
STATUS
****
*
****

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1998

EQUIPMENT DESCRIPTION		ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
			1	2	3	4	5	6	7	
TAG NO :	PENET D1	OPERABIL-ITY	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: TYPE	ELECTRICAL PENETRATIONS	NORM/TEST DBA								ACCEL TEMP: 320F/250F
COMPONENT:	ELECTRICAL PENETRATIONS	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER:	CONAX CORP									MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER :	NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #	7310 SERIES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE	LVP/C CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC:	NOT APPLICABLE									
ACCUR. DEM.:	NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:	307									
P.O #: 422562 CWD # : /		AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.:	RB15									
COORDINATES X- 635.00 Y- 1452.00 Z- 27.0		SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N):	YES									
INSTAL. REF:	FV0323									
QUALIF EXEMPTN:	NOT APPLIC									

PARAMETER		SUPPL. REVIEW
OPERABILITY		15.1
TEMPERATURE	T	15.1
PRESSURE	P	15.1
REL. HUMDTY	H	15.1
CHEM. SPRAY	C	15.1
RADIATION	R	15.1
AGING		15.1
SUBMERGENCE	S	15.1

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

QUALIF RETEST
STATUS

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.1

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS:IPS-573,IPS-343.1,IPS-IPS-585.3,IPS-585.4,IPS-585.2

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1

REVISION # :03
DATE :08/30/82

SYSTEM :PENETRATIONS

TAG :PENET D1

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-1999

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : PENET D2	OPERABIL-ITY /NORM/TEST /DBA	40 YRS + 180 DAYS POST DBA	40 YRS >200 DYS POST DBA	SL2-FSAR TBLE3.11-2 MAXIMUM DURATION	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 100/168HRS
EQUIPMENT: ELECTRICAL PENE TYPE TRATIONS									ACCEL TEMP: 320F/250F
COMPONENT: ELECTRICAL PENETRATIONS	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 FIG.10 (ACC.DBA)	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER:CONAX CORP									MAINTAIN.:
MAJOR : NOT APPLICABLE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 FIG.9 (ACC.DBA)	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND: 7310 SERIES SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	CONAX REPT #IPS353.10 PG.20 SEE REF. 1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: LVP/C & SERVICE CONDUCTORS THROUGH CONTAINMENT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	6200 PPM B. PH 9.03-9.41	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	H	NONE	
SPECIFICATIONS:307									
P.O #:422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.00 Y- 1454.00 Z- 27.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOT APPLICABLE	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF:FV0324	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.1
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	15.1							
QUALIF RETEST	TEMPERATURE T	15.1							
STATUS	PRESSURE P	15.1							
********	REL. HUMDTY H	15.1							
*	CHEM. SPRAY C	15.1	REFERENCES: 1QUALIFICATION BASED ON EXCERPTS FROM THE FOLLOWING CONAX REPORTS:IPS-573,IPS-343.1,IPS-IPS-585.3,IPS-585.4,IPS-585.2						3
**********	RADIATION R	15.1							
PHYS DWG REF: 2998G-365	AGING	15.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	15.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.1	SAR ENV CAT: A								SYSTEM :PENETRATIONS
	0588 CATEG.: A								
	APPENDIX E								TAG :PENET D2

A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: 890 MW(E) | CES#-2002

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : B/M D80 SERIES	OPERABIL-ITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	40 YEARS >200 DAYS POST DBA	SL2-FSAR TBL3.11-2 MAXIMUM DURATION	PG 2,4,7 OF [NOTE3] NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 168 HRS
EQUIPMENT: CABLE TYPE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	167F NORM REF 1,2	TRB15 SL2-FSAR TABLE311-1 T365	PG 2 OF NOTE 3 REF 2,3 NOTE 1	COMB. TEST & EXTRA- POL'N	H	NONE	ACCEL TEMP: 150C
COMPONENT: INSTRUMENT CBL.	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM ENVELOPES FIG. 9	PRB15 SL2-FSAR TABLE311-1 P365	PG 7 OF NOTE 3 NOTE 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT REQUIRED
MANUFACTURER: ROCKBESTOS CO.									MAINTAIN.: NOT REQUIRED
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND: SERIAL # FIREWALL III COAXIAL	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	PG. 3 OF NOTE 3 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	D80-01,D80-02,D80-03
FUNCT.DES: & SERVICE PROVIDE INSTRUMENT CABLE THROUGHOUT PLANT	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	3000PPM B PH 9-11	CRB15 SL2-FSAR TABLE311-1 C365	PG. 7 OF NOTE 3 NOTE 1	COMB. TEST & EXTRA- POL'N	H	NONE	NOTES: 1.TEST PER IEEE323-74,383-74 2.REEVALUATING SUBMERGENCE DATA. 3.ROCKBESTOS REPT. DATED 03/15/79. 4.ALL CABLE IN D80 SERIES ASSUMED WORST LOCATION IN CONTAINMENT
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.0E8 TOTAL INTEGRATED DOSE	RRB15B SL2-FSAR TABLE311-1 R365	PGS.2,4,8 OF NOTE 3 NOTE 1	COMB. TEST & EXTRA- POL'N	H	NONE	CONTAINMENT 3
SPECIFICATIONS: 293A									
P.O #: 422586 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PG. 2,4 OF NOTE 3 NOTE 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF AUXSUP SD PAM
PLANT LOC.: RB15									
COORDINATES X- 636.0: Y- 1537.0: Z- 21.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	NOTE 2	SRB15 SL2-FSAR TABLE311-1 S365	NOTE 1,2	COMB. TEST & EXTRA- POL'N	H	NONE	3
INSTALLED (Y/N): YES									AUTH. REFERENCE: 3.11-2
INSTAL. REF: FV0001	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 6.3
QUALIF EXEMPTN: NOT EXEMPT	OPERABILITY	6.3							
**********	TEMPERATURE T	6.3							
QUALIF RETEST	PRESSURE P	6.3							
STATUS	REL. HUMDTY H	6.3							
********	CHEM. SPRAY C	6.3							
*	RADIATION R	6.3	REFERENCES: 1.VNDRS 167F NORM TEMP CAPABILITY RESLTS IN LRG RESERVE OF THERM CAP AT 120F NORM PLNT AMB 2.VENDOR QUAL.REPORT NEWLY SUBMITTED REQUIRES REVIEW.						3
**********	AGING	6.3							
PHYS DWG REF: 2998G-365	SUBMERGENCE S	6.3							REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : N/A	SAR ENV CAT: A								
EQ PACK # : 6.3	0588 CATEG.: A								SYSTEM :CABLE & RACEWAY
	APPENDIX E								TAG :B/M D80 SERIES

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2003

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : EHC-2HVE-6A2	OPERABILITY NORM/TEST DBA	<1000 HRS 180 DAYS POST DBA	ACTON TEST PROC.16437 8IN REF 2,3	SL2-FSAR TBL3.11-2 OPERATIONL REVIEW	ACTON TEST PROC.16437 8IN REF 2,3	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: HEATERS TYPE									ACCEL TEMP: REF 2
COMPONENT: ELECTRIC HEATING COIL	TEMPERATURE	90.OF NORM 117F1200HR 109FDESIGN	ACTON TEST PROC.16437 8IN REF 2,3	TAB27B SL2-FSAR TABLE311-1 T395	ACTON TEST PROC.16437 8IN REF 2,3	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: REF 2
MANUFACTURER:WATLOW									MAINTAIN.: REF 2
MAJOR SUPPLIER : CVI CORP	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	ACTON TEST PROC.16437 8IN REF 2,3	PAB27 SL2-FSAR TABLE311-1 P394	ACTON TEST PROC.16437 8IN REF 2,3	COMB. TEST & EXTRA- POL'N	M	NONE	SUBCOMPONENTS:
MODEL AND SERIAL # : 1.5/30KW	RELATIVE HUMIDITY	60.0% NORM 62.0%1200H 39% DESIGN	ACTON TEST PROC.16437 8IN REF 2,3	HAB27B SL2-FSAR TABLE311-1 H395	ACTON TEST PROC.16437 8IN REF 2,3	COMB. TEST & EXTRA- POL'N	/	NONE	******** NOTE: SYSTEM DESCRIPTION IS IN FSAR 6.2.3
FUNCT.DES: HUMIDTY CONTRL & SERVICE FOR SBVS									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 810 1.0E5 30 D 7.4E5 6.6E6 1 YR 1.1E6 6.6E6 2.0E4 6.6E6	ACTON TEST PROC.16437 8IN REF 2,3	RAB27K SL2-FSAR TABLE311-1 R395	ACTON TEST PROC.16437 8IN REF 2,3	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:776									
P.O #:422595 CWD # : /	AGE- INST LIFE (PER 323- 1974 DEF.)	40 YRS	ACTON TEST PROC.16437 8IN REF 2,3	10CFR50 PARA 50.51	ACTON TEST PROC.16437 8IN REF 2,3	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB27									ESF
COORDINATES X- 594 Y- 1515 Z- 43	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB27 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 7.5-1
INSTALLED (Y/N): YES									
INSTAL. REF:FV0073	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:10.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	10.1							
**********	TEMPERATURE T	10.1							
QUALIF RETEST	PRESSURE P	10.1							
STATUS	REL. HUMDTY H	10.1							
*******	CHEM. SPRAY C	10.1							
*	RADIATION R	10.1	REFERENCES: 1)HTRS R MINRL INSLTD INORGNIC 2)UNDERGOING QUALIFICATION TO IEEE 323-74 3)VENDOR REVIEW A/E COMMENTS						
**********	AGING	10.1							
PHYS DWG REF: 2998G-395	SUBMERGENCE S	10.1							REVISION # :03 DATE :08/30/82
PHYS DWG LOC:									
MOUNTING : N/A	SAR ENV CAT: D								SYSTEM :SHIELD BLDG. VENT
EQ PACK # : 10.1	0588 CATEG.: A								TAG :EHC-2HVE-6A2
	APPENDIX E								

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2004

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : EHC-2HVE-6B1	OPERABIL-ITY NORM/TEST DBA	<1000 HRS 180 DAYS POST DBA	!ACTON TEST !PROC.16437 !8IN !REF 2,3	SL2-FSAR TBL3.11-2 OPERATIONL REVIEW	!ACTON TEST !PROC.16437 !8IN !REF 2,3	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: HEATERS TYPE	TEMPERAT-URE	90.0F NORM	!ACTON TEST !PROC.16437 !8IN !REF 2,3	TAB27B SL2-FSAR TABLE311-1 T395	!ACTON TEST !PROC.16437 !8IN !REF 2,3	COMB. TEST & EXTRA- POL'N	M	NONE	ACCEL TEMP: REF 2
COMPONENT: ELECTRIC HEATING COIL		117F1200HR 109FDESIGN							REPLACEMENT: REF 2
MANUFACTURER: WATLOW	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	!ACTON TEST !PROC.16437 !8IN !REF 2,3	PAB27 SL2-FSAR TABLE311-1 P394	!ACTON TEST !PROC.16437 !8IN !REF 2,3	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: REF 2
MAJOR SUPPLIER : CVI CORP									SUBCOMPONENTS:
MODEL AND SERIAL # : 1.5/30KW	RELATIVE HUMIDITY	60.0% NORM	!ACTON TEST !PROC.16437	HAB27B SL2-FSAR	!ACTON TEST !PROC.16437	COMB. TEST &	/	NONE	NOTE: SYSTEM DESCRIPTION IS IN
FUNCT.DES: HUMIDTY CONTRL & SERVICE FOR SBVS		62.0%1200H 39% DESIGN	!8IN !REF 2,3	TABLE311-1 H395	!8IN !REF 2,3	EXTRA- POL'N			FSAR 6.2.3
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	!NOT !APPLICABLE	CAB27 SL2-FSAR TABLE311-1	!NOT !APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	810 1.0E5 7.4E5 6.6E6 1.1E6 6.6E6 2.0E4 6.6E6	!ACTON TEST !PROC.16437 !8IN !REF 2,3	RAB27K SL2-FSAR TABLE311-1 R395	!ACTON TEST !PROC.16437 !8IN !REF 2,3	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:776									
P.O #:422595 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	!ACTON TEST !PROC.16437 !8IN !REF 2,3	10CFR50 PARA 50.51	!ACTON TEST !PROC.16437 !8IN !REF 2,3	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB27									ESF
COORDINATES X- 590 Y- 1515 Z- 43	SUBMERGED	NO AREA FLOODING	!NOT !APPLICABLE	SAB27 SL2-FSAR TABLE311-1	!NOT !APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 7.5-1
INSTALLED (Y/N): YES									
INSTAL. REF:FV0074									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER		SUPPL. REVIEW
OPERABILITY		10.1
TEMPERATURE	T	10.1
PRESSURE	P	10.1
REL. HUMDTY	H	10.1
CHEM. SPRAY	C	10.1
RADIATION	R	10.1
AGING		10.1
SUBMERGENCE	S	10.1

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-395
PHYS DWG LOC:
MOUNTING : N/A
EQ PACK # : 10.1

SAR ENV CAT: D
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1)HTRS R MINRL INSLTD INORGNIC
2)UNDERGOING QUALIFICATION TO IEEE 323-74
3)VENDOR REVIEW A/E COMMENTS

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 10.1

REVISION # :03
DATE :08/30/82

SYSTEM :SHIELD BLDG. VENT
TAG :EHC-2HVE-6B1

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2005

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : EHC-2HVE-6B2	OPERABIL-ITY /NORM/TEST /DBA	<1000 HRS / 180 DAYS / POST DBA	ACTON TEST / PROC.16437 / 8IN / REF 2,3	SL2-FSAR / TBL3.11-2 / OPERATIONL / REVIEW	ACTON TEST / PROC.16437 / 8IN / REF 2,3	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: HEATERS TYPE									ACCEL TEMP: REF 2
COMPONENT: ELECTRIC HEATING COIL	TEMPERAT-URE	90.OF NORM / 117F1200HR / 109FDESIGN	ACTON TEST / PROC.16437 / 8IN / REF 2,3	TAB27B / SL2-FSAR / TABLE311-1 / T395	ACTON TEST / PROC.16437 / 8IN / REF 2,3	COMB. / TEST & / EXTRA- / POL'N	M	NONE	REPLACEMENT: REF 2
MANUFACTURER: WATLOW									MAINTAIN.: REF 2
MAJOR SUPPLIER : CVI CORP	PRESSURE	ATMOS NORM / OPSIG / (ACC. DBA)	ACTON TEST / PROC.16437 / 8IN / REF 2,3	PAB27 / SL2-FSAR / TABLE311-1 / P394	ACTON TEST / PROC.16437 / 8IN / REF 2,3	COMB. / TEST & / EXTRA- / POL'N	M	NONE	SUBCOMPONENTS: **********
MODEL AND SERIAL #: 1.5/30KW	RELATIVE HUMIDITY	60.0% NORM / 62.0%1200H / 39% DESIGN	ACTON TEST / PROC.16437 / 8IN / REF 2,3	HAB27B / SL2-FSAR / TABLE311-1 / H395	ACTON TEST / PROC.16437 / 8IN / REF 2,3	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NOTE: SYSTEM DESCRIPTION IS IN FSAR 6.2.3
FUNCT.DES: & SERVICE HUMIDTY CONTRL FOR SBVS									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB27 / SL2-FSAR / TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. DEM.: NOT APPLICABLE	R A D	2 HR 810 1.0E5 / 30 D 7.4E5 6.6E6 / 1 YR 1.1E6 6.6E6 / .40YR/RW 2.0E4 6.6E6	ACTON TEST / PROC.16437 / 8IN / REF 2,3	RAB27K / SL2-FSAR / TABLE311-1 / R395	ACTON TEST / PROC.16437 / 8IN / REF 2,3	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
SPECIFICATIONS: 776									
P.O #: 422595 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	ACTON TEST / PROC.16437 / 8IN / REF 2,3	10CFR50 / PARA 50.51	ACTON TEST / PROC.16437 / 8IN / REF 2,3	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF
PLANT LOC.: AB27									
COORDINATES X- 595 Y- 1535 Z- 43	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB27 / SL2-FSAR / TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: 7.5-1
INSTALLED (Y/N): YES									
INSTAL. REF: FV0122	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 10.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	10.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	10.1							
	PRESSURE P	10.1							
	REL. HUMDTY H	10.1							
	CHEM. SPRAY C	10.1	REFERENCES: 1)HTRS R MINRL INSLTD INORGNIC 2)UNDERGOING QUALIFICATION TO IEEE 323-74 3)VENDOR REVIEW A/E COMMENTS						
	RADIATION R	10.1							
PHYS DWG REF: 2998G-395	AGING	10.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	10.1							DATE :08/30/82
MOUNTING : N/A									
EQ PACK # : 10.1	SAR ENV CAT: D								SYSTEM :SHIELD BLDG. VENT
	0588 CATEG.: A								TAG :EHC-2HVE-6B2
	APPENDIX E								

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2006

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : B/M D54 SERIES	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS PLUS 180DY POST DBA	40 YEARS >200 DAYS POST DBA	SL2-FSAR TBL.3.11-2 MAXIMUM DURATION	REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 168 HRS
EQUIPMENT: CABLE TYPE									ACCEL TEMP: 143 C
COMPONENT: LOW VOLT. PWR/ CNTR CB	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM FIG. 10 ENVELOPED	TRB15 SL2-FSAR TABLE311-1 T365	REF1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER:KERITE									MAINTAIN.:
MAJOR : NOT APPLICABLE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM REF.2 (ACC. DBA)	PRB15 SL2-FSAR TABLE311-1 P365	REF1,2	COMB. TEST & EXTRA- POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND: B/M D54 SERIES SERIAL # SEE NOTES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1 D26-01 THRU D26-10 ALSO D26-14
FUNCT.DES: & SERVICE PROVIDE QUALIF IED LOW VOLT. POWER & CONTRO L CABLING	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	1720 PPM NAOH PH8.5-10.6	CRB15 SL2-FSAR TABLE311-1 C365	REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	ALL KERITE CABLE ASSUMED TO BE IN WORST LOCATION IN CONTAINMENT. 3
ACCUR. SPEC: NOT APPLICABLE									REF 3)REF 9,10
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	2.0E6 2.9E7 3.5E7 6.0E4	3.0E5 2.1E6 2.2E6 2.5E5	1.0E8 T.I.D.	RRB15B SL2-FSAR TABLE311-1 R365	REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	OF FSAR SEC. 3.11
SPECIFICATIONS:292									
P.O #:422573 CWD # : CARS/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF AUXSUP SD
PLANT LOC.: RB15									
COORDINATES X- 636.0 Y- 1537.0 Z- 21.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	DEMONSTRA-TED ACCEPTABLE	SRB15 SL2-FSAR TABLE311-1 S365	SUBMITTAL TO NRC REF.3	COMB. TEST & EXTRA- POL'N	H	NONE	PAM AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF:FV0295	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:6.2
QUALIF EXEMPTN: NO	OPERABILITY	6.2							
QUALIF QUALIFIED	TEMPERATURE T	6.2							
STATUS	PRESSURE P	6.2							
	REL. HUMDTY H	6.2							
*	CHEM. SPRAY C	6.2							
	RADIATION R	6.2							3
PHYS DWG REF: 2998G-365	AGING	6.2	REFERENCES: 1)QUAL TO IEEE-323-74,383-74 KERITE RPT.PG1,3,4 REF.7,ISO. RPT#I-R279-03. 2)MSLB/LOCA QUAL TST RPT ON KERITE FR & FR2-IPS 848 & 849						REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	SUBMERGENCE S	6.2							
MOUNTING : NOT APPLICABLE									SYSTEM :CABLE & RACEWAY
EQ PACK # : 6.2	SAR ENV CAT: A								TAG :B/M D54 SERIES
	0588 CATEG.: A								
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2007

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : B/M D52 SERIES	OPERABIL-ITY NORM/TEST DBA	40 YEARS PLUS 18ODY POST DBA	40 YEARS >200 DAYS POST DBA	SL2-FSAR TBL.3.11-2 MAXIMUM DURATION	REF.1,2	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: 168 HRS
EQUIPMENT: CABLE TYPE									ACCEL TEMP: 143 C
COMPONENT: LOW VOLT. PWR/CNTR CB	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM FIG. 10 ENVELOPED	TRB15 SL2-FSAR TABLE311-1 T365	REF1,2	COMB. TEST & EXTRA-POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER:KERITE									MAINTAIN.:
MAJOR : NOT APPLICABLE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM REF.2 (ACC. DBA)	PRB15 SL2-FSAR TABLE311-1 P365	REF1,2	COMB. TEST & EXTRA-POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND: B/M D52 SERIES SERIAL # SEE NOTES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1	REF.1,2	COMB. TEST & EXTRA-POL'N	/	NONE	NOTE 1 D26-01 THRU D26-10 ALSO D26-14
FUNCT.DES: & SERVICE PROVIDE QUALIFIED LOW VOLT. POWER & CONTROL CABLING				H365					ALL KERITE CABLE ASSUMED TO BE IN WORST LOCATION IN CONTAINMENT.
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	1720 PPM NAOH PH8.5-10.6	CRB15 SL2-FSAR TABLE311-1 C365	REF.1,2	COMB. TEST & EXTRA-POL'N	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	2.0E6 2.9E7 3.5E7 6.0E4	3.0E5 2.1E6 2.2E6 2.5E5	1.0E8 T.I.D.	RRB15B SL2-FSAR TABLE311-1 R365	REF.1,2	COMB. TEST & EXTRA-POL'N	H	NONE	REF 3)REF 9,10 OF FSAR SEC. 3.11
SPECIFICATIONS:292									
P.O #:422573 CWD # : CARS/ PLANT LOC.: RB15	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	REF.1,2	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION: RPS ESF AUXSUP SD
COORDINATES X- 636.0 Y- 1537.0 Z- 21.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	DEMONSTRA-TED ACCEPTABLE	SRB15 SL2-FSAR TABLE311-1 S365	SUBMITTAL TO NRC REF.3	COMB. TEST & EXTRA-POL'N	H	NONE	PAM AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF:FV0294 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:6.2
********** *QUALIF* QUALIFIED *STATUS* ******** * **********	OPERABILITY	6.2							
	TEMPERATURE T	6.2							
	PRESSURE P	6.2							
	REL. HUMDTY H	6.2							
	CHEM. SPRAY C	6.2							
	RADIATION R	6.2							
	AGING	6.2							
	SUBMERGENCE S	6.2							
PHYS DWG REF: 2998G-365 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 6.2	SAR ENV CAT: A 10588 CATEG.: A APPENDIX E		REFERENCES: 1)QUAL TO IEEE-323-74,383-74 KERITE RPT.PG1,3,4 REF.7,ISO. RPT#1-R279-03. 2)MSLB/LOCA QUAL TST RPT ON KERITE FR & FR2-IPS 848 & 849						REVISION # :03 DATE :08/30/82 SYSTEM :CABLE & RACEWAY TAG :B/M D52 SERIES

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2008

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : B/M D63 SERIES	OPERABILITY NORM/TEST DBA	40 YEARS PLUS 180DY POST DBA	40 YEARS >200 DAYS POST DBA	SL2-FSAR TBL.3.11-2 MAXIMUM DURATION	REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 168 HRS
EQUIPMENT: CABLE TYPE									ACCEL TEMP: 143 C
COMPONENT: LOW VOLT. PWR/ CNTR CB	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM FIG. 10 ENVELOPED	TRB15 SL2-FSAR TABLE311-1 T365	REF1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER:KERITE									MAINTAIN.:
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM REF.2 (ACC. DBA)	PRB15 SL2-FSAR TABLE311-1 P365	REF1,2	COMB. TEST & EXTRA- POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS: NOTE 1
MODEL AND SERIAL.#: B/M D63 SERIES SEE NOTES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	D26-01 THRU D26-10 ALSO D26-14 ALL KERITE CABLE ASSUMED
FUNCT.DES: & SERVICE: PROVIDE QUALIFIED LOW VOLT. POWER & CONTROL CABLING	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	1720 PPM NAOH PH8.5-10.6	CRB15 SL2-FSAR TABLE311-1 C365	REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	TO BE IN WORST LOCATION IN CONTAINMENT. 3
ACCUR. SPEC: NOT APPLICABLE									REF 3)REF 9,10
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	1.0E8 T.I.D.	RRB15B SL2-FSAR TABLE311-1 R365	REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	OF FSAR SEC. 3.11
SPECIFICATIONS:292									
P.O #:422573 CWD # : CARS/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF AUXSUP SD
PLANT LOC.: RB15									
COORDINATES X- 636.0 Y- 1537.0 Z- 21.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	DEMONSTRATED ACCEPTABLE	SRB15 SL2-FSAR TABLE311-1 S365	SUBMITTAL TO NRC REF.3	COMB. TEST & EXTRA- POL'N	H	NONE	PAM AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF:FV0299									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	6.2
TEMPERATURE T	6.2
PRESSURE P	6.2
REL. HUMDTY H	6.2
CHEM. SPRAY C	6.2
RADIATION R	6.2
AGING	6.2
SUBMERGENCE S	6.2

QUALIF QUALIFIED
STATUS

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 6.2

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1)QUAL TO IEEE-323-74,383-74 KERITE RPT.PG1,3,4 REF.7,ISO. RPT#I-R279-03.
2)MSLB/LOCA QUAL TST RPT ON KERITE FR & FR2-IPS 848 & 849

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:6.2

REVISION # :03
DATE :08/30/82

SYSTEM :CABLE & RACEWAY
TAG :B/M D63 SERIES

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2009

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : B/M D62 SERIES	OPERABILITY NORM/TEST DBA	40 YEARS PLUS 180DY POST DBA	40 YEARS >200 DAYS POST DBA	SL2-FSAR TBL.3.11-2 MAXIMUM DURATION	REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 168 HRS
EQUIPMENT: CABLE TYPE									ACCEL TEMP: 143 C
COMPONENT: 600 VOLT. RATED INSTR. CABLE	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM FIG. 10 ENVELOPED	TRB15 SL2-FSAR TABLE311-1 T365	REF1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER:KERITE									MAINTAIN.: NOT APPLICABLE
MAJOR : NOT APPLICABLE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM REF.2 (ACC. DBA)	PRB15 SL2-FSAR TABLE311-1 P365	REF1,2	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS: NOTE 1
MODEL AND: B/M D62 SERIES SERIAL # SEE NOTES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	D26-01 THRU D26-10 ALSO D26-14 ALL KERITE
FUNCT.DES: & SERVICE PROVIDE QUALIFIED LOW VOLT. POWER & CONTROL CABLING	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	1720 PPM NAOH PH8.5-10.6	CRB15 SL2-FSAR TABLE311-1 C365	REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	CABLE ASSUMED TO BE IN WORST LOCATION IN CONTAINMENT.
ACCUR. SPEC: NOT APPLICABLE									REF 3)REF 9,10 OF FSAR SEC. 3.11
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	1.0E8 T.I.D.	RRB15B SL2-FSAR TABLE311-1 R365	REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:292									
P.O #:422573 CWD # : CARS/ PLANT LOC.: RB15	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF AUXSUP SD
COORDINATES X- 636.0 Y- 1537.0 Z- 21.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	DEMONSTRATED ACCEPTABLE	SRB15 SL2-FSAR TABLE311-1 S365	SUBMITTAL TO NRC REF.3	COMB. TEST & EXTRA- POL'N	H	NONE	PAM AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES INSTAL. REF:FV0298 QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	6.2
TEMPERATURE T	6.2
PRESSURE P	6.2
REL. HUMDTY H	6.2
CHEM. SPRAY C	6.2
RADIATION R	6.2
AGING	6.2
SUBMERGENCE S	6.2

****
QUALIF QUALIFIED
STATUS
****
*
****

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 6.2

SAR ENV CAT: A
O588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)QUAL TO IEEE-323-74,383-74 KERITE RPT.PG1,3,4 REF.7,ISO. RPT#I-R279-03.
2)MSLB/LOCA QUAL TST RPT ON KERITE FR & FR2-IPS 848 & 849

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:6.2

REVISION # :03
DATE :08/30/82

SYSTEM :CABLE & RACEWAY
TAG :B/M D62 SERIES

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2010

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : B/M D71 SERIES	OPERABILITY NORM/TEST DBA	40 YEARS PLUS 180DY POST DBA	40 YEARS >200 DAYS POST DBA	SL2-FSAR TBL.3.11-2 MAXIMUM DURATION	REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 168 HRS
EQUIPMENT: CABLE TYPE									ACCEL TEMP: 143 C
COMPONENT: THERMOCOUPLE EXT. WIRE	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM FIG. 10 ENVELOPED	TRB15 SL2-FSAR TABLE311-1 T365	REF1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER:KERITE									MAINTAIN.:
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM REF.2 (ACC. DBA)	PRB15 SL2-FSAR TABLE311-1 P365	REF1,2	COMB. TEST & EXTRA- POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND: B/M D71 SERIES SERIAL # SEE NOTES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1 D26-01 THRU D26-10 ALSO D26-14
FUNCT.DES: & SERVICE PROVIDE QUALIFIED LOW VOLT. POWER & CONTROL CABLING	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	1720 PPM NAOH PH8.5-10.6	CRB15 SL2-FSAR TABLE311-1 C365	REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	ALL KERITE CABLE ASSUMED TO BE IN WORST LOCATION IN CONTAINMENT.
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	1.0E8 T.I.D.	RRB15B SL2-FSAR TABLE311-1 R365	REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REF 3)REF 9,10 OF FSAR SEC. 3.11
SPECIFICATIONS:292									
P.O #:422573 CWD # : CARS/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF AUXSUP
PLANT LOC.: RB15									SD
COORDINATES X- 636.0 Y- 1537.0 Z- 21.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	DEMONSTRATED ACCEPTABLE	SRB15 SL2-FSAR TABLE311-1 S365	SUBMITTAL TO NRC REF.3	COMB. TEST & EXTRA- POL'N	H	NONE	PAM AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF:FV0300 QUALIF EXEMPTN: NOT APPLIC	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:6.2
********** *QUALIF* QUALIFIED *STATUS* ******** * **********	OPERABILITY	6.2							
	TEMPERATURE T	6.2							
	PRESSURE P	6.2							
	REL. HUMDTY H	6.2							
	CHEM. SPRAY C	6.2							
	RADIATION R	6.2							
	AGING	6.2							
	SUBMERGENCE S	6.2							
PHYS DWG REF: 2998G-365			REFERENCES: 1)QUAL TO IEEE-323-74,383-74 KERITE RPT.PG1,3,4 REF.7,ISO. RPT#I-R279-03. 2)MSLB/LOCA QUAL TST RPT ON KERITE FR & FR2-IPS 848 & 849						
PHYS DWG LOC:									REVISION # :03 DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 6.2	SAR ENV CAT: A								SYSTEM :CABLE & RACEWAY
	0588 CATEG.: A								
	APPENDIX E								TAG :B/M D71 SERIES

3

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2011

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : B/M D60 SERIES	OPERABIL-ITY NORM/TEST DBA	40 YEARS PLUS 180DY POST DBA	40 YEARS >200 DAYS POST DBA	SL2-FSAR TBL.3.11-2 MAXIMUM DURATION	REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 168 HRS
EQUIPMENT: CABLE TYPE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM FIG. 10 ENVELOPED	TRB15 SL2-FSAR TABLE311-1 T365	REF1,2	COMB. TEST & EXTRA- POL'N	H	NONE	ACCEL TEMP: 143 C
COMPONENT: MULTI-PAIR INSTR. CABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM REF.2 (ACC. DBA)	PRB15 SL2-FSAR TABLE311-1 P365	REF1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER:KERITE									MAINTAIN.: NOT APPLICABLE
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS: NOTE 1
MODEL AND SERIAL # : B/M D60 SERIES SEE NOTES	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	D26-01 THRU D26-10 ALSO D26-14
FUNCT.DES: & SERVICE PROVIDE QUALIFIED LOW VOLT. POWER & CONTROL CABLING	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	1720 PPM NAOH PH8.5-10.6	CRB15 SL2-FSAR TABLE311-1 C365	REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	ALL KERITE CABLE ASSUMED TO BE IN WORST LOCATION IN CONTAINMENT.
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	1.0E8 T.I.D.	RRB15B SL2-FSAR TABLE311-1 R365	REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REF 3)REF 9,10 OF FSAR SEC. 3.11
SPECIFICATIONS:292									
P.O #:422573 CWD # : CARS/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF AUXSUP SD
PLANT LOC.: RB15									
COORDINATES X- 636.0 Y- 1537.0 Z- 21.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	DEMONSTRA-TED ACCEPTABLE	SRB15 SL2-FSAR TABLE311-1 S365	SUBMITTAL TO NRC REF.3	COMB. TEST & EXTRA- POL'N	H	NONE	PAM AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF:FV0296 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:6.2
**********	OPERABILITY	6.2							
QUALIF QUALIFIED	TEMPERATURE T	6.2							
STATUS	PRESSURE P	6.2							
********	REL. HUMDTY H	6.2							
*	CHEM. SPRAY C	6.2							
**********	RADIATION R	6.2	REFERENCES: 1)QUAL TO IEEE-323-74,383-74 KERITE RPT.PG1,3,4 REF.7,ISO. RPT#I-R279-03. 2)MSLB/LOCA QUAL TST RPT ON KERITE FR & FR2-IPS 848 & 849						
PHYS DWG REF: 2998G-365	AGING	6.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	6.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 6.2	SAR ENV CAT: A								SYSTEM :CABLE & RACEWAY
	0588 CATEG.: A								TAG :B/M D60 SERIES
	APPENDIX E								

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2012

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : B/M D61 SERIES	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS PLUS 18ODY POST DBA	40 YEARS >200 DAYS POST DBA	SL2-FSAR TBL.3.11-2 MAXIMUM DURATION	REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 168 HRS
EQUIPMENT: CABLE TYPE									ACCEL TEMP: 143 C
COMPONENT: INSTUMENT CABLE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	120F NORM FIG. 10 ENVELOPED	TRB15 SL2-FSAR TABLE311-1 T365	REF1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: NOT APPLICABLE
MANUFACTURER:KERITE									MAINTAIN.:
MAJOR : NOT APPLICABLE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM REF.2 (ACC. DBA)	PRB15 SL2-FSAR TABLE311-1 P365	REF1,2	COMB. TEST & EXTRA- POL'N	H	NONE	NOT APPLICABLE SUBCOMPONENTS:
MODEL AND: B/M D61-04 SERIAL # 3/C #6	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1 D26-01 THRU D26-10 ALSO D26-14
FUNCT.DES: & SERVICE PROVIDE QUALIF IED LOW VOLT. POWER & CONTRO L CABLING									ALL KERITE CABLE ASSUMED
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ	1720 PPM NAOH PH8.5-10.6	CRB15 SL2-FSAR TABLE311-1 C365	REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	TO BE IN WORST LOCATION IN CONTAINMENT. 3
ACCUR. SPEC: NOT APPLICABLE		PH 4.9-7.0							
	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	1.0E8 T.I.D.	RRB15B SL2-FSAR TABLE311-1 R365	REF.1,2	COMB. TEST & EXTRA- POL'N	H	NONE	REF 3)REF 9,10 OF FSAR SEC. 3.11
ACCUR. DEM.: NOT APPLICABLE									
SPECIFICATIONS:292									
P.O #:422573 CWD # : CARS/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	REF.1,2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS ESF AUXSUP SD
PLANT LOC.: RB15									
COORDINATES X- 636.0 Y- 1537.0 Z- 21.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	DEMONSTRA-TED ACCEPTABLE	SRB15 SL2-FSAR TABLE311-1 S365	SUBMITTAL TO NRC REF.3	COMB. TEST & EXTRA- POL'N	H	NONE	PAM AUTH. REFERENCE: 3.11-2
INSTALLED (Y/N): YES									
INSTAL. REF:FVO297	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:6.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	6.2							
QUALIF QUALIFIED	TEMPERATURE T	6.2							
STATUS	PRESSURE P	6.2							
	REL. HUMDTY H	6.2							
	CHEM. SPRAY C	6.2							
	RADIATION R	6.2							
PHYS DWG REF: 2998G-365	AGING	6.2							
PHYS DWG LOC:	SUBMERGENCE S	6.2							
MOUNTING : NOT APPLICABLE									
EQ PACK # : 6.2	SAR ENV CAT: A								
	0588 CATEG.: A								
	APPENDIX E								

REFERENCES: 1)QUAL TO IEEE-323-74,383-74 KERITE RPT.PG1,3,4 REF.7,ISO. RPT#I-R279-03.
2)MSLB/LOCA QUAL TST RPT ON KERITE FR & FR2-IPS 848 & 849

REVISION # :03
DATE :08/30/82

SYSTEM :CABLE & RACEWAY
TAG :B/M D61 SERIES

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2020

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : V2522	OPERABIL-ITY	40 YRS 180 DAYS	>40 YRS +40000CYCL	SL2-FSAR TBLE3.11-2	PG 5-1 OF NOTE 1	COMB. TEST &	/	NONE	ACCEL TIME: 288/400HRS
	NORM/TEST	POST DBA			P.4-7 OF NOTE 2	EXTRA-POL'N			
EQUIPMENT: VALVE OPERATORS TYPE	DBA								ACCEL TEMP: 268/248F
COMPONENT: CONTROL VALVE	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	120F NORM >SL2 DBA REQUIRMNTS	TAB25C SL2-FSAR TABLE311-1 T393	PG 4-21 OF NOTE 1 FIG. 3 OF NOTE 2	COMB. TEST & EXTRA-POL'N	H	NONE	REPLACEMENT: FIG5,6 NOTE2
MANUFACTURER: ASCO/NAMCO									MAINTAIN.: FIG5,6 NOTE2
MAJOR SUPPLIER : FISHER	PRESSURE	ATMOS NORM FIG. C-28 (ACC. DBA)	OPSIG NORM >SL2 DBA REQUIRMNTS	PAB25C SL2-FSAR TABLE311-1 P393	PG 4-21 OF NOTE 1 FIG. 3 OF NOTE 2	COMB. TEST & EXTRA-POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: SERIAL #	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	>90%	HAB25C SL2-FSAR TABLE311-1 H393	P.8-20F NOTE 1 P.4-4 OF NOTE 2	COMB. TEST & EXTRA-POL'N	/	NONE	NOTE 1:ASCO REPT. AQS21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80
FUNCT.DES: & SERVICE	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	COMB. TEST & EXTRA-POL'N	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 370 1.0E5 30 D 4.0E5 5.2E5 1 YR 6.1E5 7.3E5 1.0E4 5.0E5	2.0E8 TOTAL INTEGRATED DOSE	RAB25C SL2-FSAR TABLE311-1 R393	P.4-4 OF NOTE 1 P.4-4 OF NOTE 2	COMB. TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS: 704									
P.O #:303815 CWD # : 0194/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	1CFR50 PARA 50.51	PG.5-1 OF NOTE 1 P.4-12 OF NOTE 2	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB25									
COORDINATES X- 607.0 Y- 1528.0 Z- 20.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	SAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	/	NONE	AUTH. REFERENCE: JMG
INSTALLED (Y/N): NO INSTAL. REF: FV0096 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #			QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2			
**********	OPERABILITY	3.2/9.2							
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION ********	TEMPERATURE	T 3.2/9.2							
	PRESSURE	P 3.2/9.2							
	REL. HUMDTY	H 3.2/9.2							
*	CHEM. SPRAY	C 3.2/9.2	REFERENCES: 1.IEEE 323-74,382-72 2.FLD VERIFY NP 83000 SERIES SOLENOIDS.						3
**********	RADIATION	R 3.2/9.2							
PHYS DWG REF: 2998G-393	AGING	3.2/9.2							
PHYS DWG LOC:	SUBMERGENCE	3.2/9.2							
MOUNTING : NOT APPLICABLE									
EQ PACK # : 3.2/9.2	SAR ENV CAT: D					REVISION # :03 DATE :08/30/82			
	0588 CATEG.: A								
	APPENDIX E					SYSTEM :CHEMICAL&VOL CONTROL TAG :V2522			

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2021

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V2523	OPERABIL-ITY	40 YRS 180 DAYS	>40 YRS +40000CYCL	SL2-FSAR TBLE3.11-2	PG 5-1 OF NOTE 1 P.4-7 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS TYPE	NORM/TEST DBA	POST DBA							ACCEL TEMP: 268/248F
COMPONENT: CONTROL VALVE	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	120F NORM >SL2 DBA REQUIRMNTS	TAB25C SL2-FSAR TABLE311-1 T393	PG 4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: FIG5,6 NOTE2
MANUFACTURER:ASCO/NAMCO									MAINTAIN.: FIG5,6 NOTE2
MAJOR SUPPLIER : FISHER	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	OPSIG NORM >SL2 DBA REQUIRMNTS	PAB25C SL2-FSAR TABLE311-1 P393	PG 4-21 OF NOTE 1 FIG. 3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS: NOTE 1:ASCO REPT.
MODEL AND: S:RFHV2023031 SERIAL # LS:EA18031302	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	>90%	HAB25C SL2-FSAR TABLE311-1 H393	IP.8-2 OF NOTE 1 IP.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	AQS21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80
FUNCT.DES: & SERVICE									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	2.0E8 TOTAL INTEGRATED DOSE	RAB25C SL2-FSAR TABLE311-1 R393	IP.4-4 OF NOTE 1 IP.4-4 OF NOTE 2	H	NONE	
SPECIFICATIONS:704									
P.O #:303815 CWD # : 0194/	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 P.4-12 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB25									
COORDINATES X- 614.0 Y- 1535.0 Z- 20.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	SAB25 SL2-FSARLE TABLE311-1	NOT APPLICABLE	N/A	/	NONE	AUTH. REFERENCE: JMG
INSTALLED (Y/N): NO INSTAL. REF:FV0097 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS. SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	OPERABILITY TEMPERATURE T PRESSURE P REL. HUMDTY H CHEM. SPRAY C RADIATION R AGING SUBMERGENCE	3.2/9.2 3.2/9.2 3.2/9.2 3.2/9.2 3.2/9.2 3.2/9.2 3.2/9.2 3.2/9.2	REFERENCES: 1.IEEE 323-74,382-72 2.REPLACE NON NP 8300 SERIES SOLENOIDS.						3 REVISION # :03 DATE :08/30/82
PHYS DWG REF: 2998G-393 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 3.2/9.2	SAR ENV CAT: D 0588 CATEG.: A APPENDIX E								SYSTEM :CHEMICAL&VOL CONTROL TAG :V2523

TYPE [illegible]: VALVE OPERATORS

COMPONENT: CONTROL VALVE

MANUFACTURER:ASCO/NAMCO
LS:EA18031302

MAJOR SUPPLIER : FISHER

MODEL AND SERIAL #: S:REHV2023031
LS:EA18031302

FUNCT.DES: & SERVICE

ACCUR. SPEC: NOT APPLICABLE

ACCUR. DEM.: NOT APPLICABLE

SPECIFICATIONS:704

P.O #:303815 CWD # :

PLANT LOC.: RB15

COORDINATES X- 617.0
Y- 1500.0
Z- 20.0

INSTALLED.(Y/N): YES
INSTAL. REF:FV0098
QUALIF EXEMPTN: NOT APPLIC

QUALIF QUALIFIED-FOR
STATUS INTERIM OPERATION

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 3.2/9.2

ACTUAL [illegible] DEM. QUALIF. SHEET

NSSS: COMBUSTION ENG. - PWR
CAPACITY: 890 MW(E)

REV#-
CES#-2

	OPERABIL-ITY /NORM/TEST /DBA	40 YRS / 180 DAYS / POST DBA	>40 YRS / +40000CYCL	SL2-FSAR TBLE3.11-2	IPG 5-1 OF INOTE 1 IP.4-7 OF INOTE 2	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: 288/400HRS
	TEMPERAT-URE	115F NORM / FIG. 10 (ACC. DBA) / 119FDESIGN	120F NORM / >SL2 DBA REQUIRMNTS	TRB15 SL2-FSAR TABLE311-1 T365	IPG.4-21 OF INOTE 1 IFIG.3 OF INOTE 2	COMB. TEST & EXTRA-POL'N	H	NONE	ACCEL TEMP: 268/248F
	PRESSURE	OPSIG NORM / FIG. 9 (ACC. DBA)	OPSIG NORM / >SL2 DBA REQUIRMNTS	PRB15 SL2-FSAR TABLE311-1 P365	IPG.4-21 OF INOTE 1 IFIG. 3 OF INOTE 2	COMB. TEST & EXTRA-POL'N	H	NONE	REPLACEMENT: FIG5.6 NOTE2 SRS#A3.2
	RELATIVE HUMIDITY	45 TO 100% / 100% / (ACC. DBA)	>90.0%	HRB15 SL2-FSAR TABLE311-1 H365	IPG.8-2 OF INOTE 1 IPG.4-4 OF INOTE 2	COMB. TEST & EXTRA-POL'N	H	NONE	MAINTAIN.: FIG5.6 NOTE2 SRS#A3.2
	CHEMICAL SPRAY	1720-2150 / PPM B. 50-65PPM HYDZ / PH 4.9-7.0	13000 PPM / BORON / PH9.5-10.0	CRB15 SL2-FSAR TABLE311-1 C365	IPG.4-4 OF INOTE 1 IPG10-51 OF INOTE 2	COMB. TEST & EXTRA-POL'N	/	NONE	SUBCOMPONENTS: NOTE 1:ASCO REPT. AQS21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80 3.INSTALLATNS WERE VRFD AT ABOVE FLOOD LEVEL ELEV. PER FV0098
	R A D	2 HR12.0E6 3.0E5 12.0E8 / 30 D12.9E7 2.1E6 / 1 YR13.5E7 2.2E6 / . 40YR/RW16.0E4 2.5E5	TOTAL / INTEGRATED / DOSE	RRB15B SL2-FSAR TABLE311-1 R365	IPG.4-4 OF INOTE 1 IPG.4-4 OF INOTE 2	COMB. TEST & EXTRA-POL'N	H	NONE	
	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	IPG.5-1 OF INOTE 1 IPG.4-4- OF INOTE 2	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION:
	SUBMERGED	26.0 FT / MAXIMUM / FIG. 11 (ACC.DBA)	NOTE 3	SRB15 SL2-FSAR TABLE311-1 S365	NOTE 3	N/A	H	NONE	

PARA-METER	SUPPL. REVIEW
OPERABILITY	3.2/9.2
TEMPERATURE T	3.2/9.2
PRESSURE P	3.2/9.2
REL. HUMDTY H	3.2/9.2
CHEM. SPRAY C	3.2/9.2
RADIATION R	3.2/9.2
AGING	3.2/9.2
SUBMERGENCE S	3.2/9.2

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:

1. IEEE 323-74.382-72
2. REPLACE NON NP 8300 SERIES SOLENOIDS.
3. CONAX MODULES INSTALLED PER FV0099

AUTH. REFERENCE: JMG

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2

REVISION # :03
DATE :08/30/82

SYSTEM :CHEMICAL&VOL CONTROL
TAG :V2524

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2023

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : FCV-07-1A	OPERABIL-ITY NORM/TEST DBA	40 YRS 180 DAYS POST DBA	>40 YRS +40000CYCL	SL2-FSAR TBLE3.11-2	PG 5-1 OF NOTE 1 P.4-7 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 268/248F
COMPONENT: CONTROL VALVE	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	120F NORM >SL2 DBA REQUIRMNTS	TAB25C SL2-FSAR TABLE311-1 T393	PG 4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: FIG5,6 NOTE2
MANUFACTURER: ASCO/NAMCO									MAINTAIN.:
MAJOR SUPPLIER : WKM	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	OPSIGNORM >SL2 DBA REQUIRMNTS	PAB25C SL2-FSAR TABLE311-1 P393	PG 4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	FIG5,6 NOTE2 SUBCOMPONENTS:
MODEL AND: S:NP831664E SERIAL # LS:EA18021302	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	>90%	HAB25C SL2-FSAR TABLE311-1 H393	P.8-2 OF NOTE 1 P.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1:ASCO REPT. AQS21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80
FUNCT.DES: & SERVICE CONT ISOL.									
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	2.0E8 TOTAL INTEGRATED DOSE	RAB25C SL2-FSAR TABLE311-1 R393	P.4-4 OF NOTE 1 P.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 110									
P.O #:422550 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 PG.4-12 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB25									
COORDINATES X- 608.0 Y- 1527.0 Z- 20.0	SUBMERGED	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	N/A	/	NONE	AUTH. REFERENCE: JMG
INSTALLED (Y/N): YES									
INSTAL. REF: FV0006	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 3.2/9.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	3.2/9.2							
**********	TEMPERATURE T	3.2/9.2							
QUALIF QUALIFIED-FOR	PRESSURE P	3.2/9.2							
STATUS INTERIM OPERATION	REL. HUMDTY H	3.2/9.2							
********	CHEM. SPRAY C	3.2/9.2	REFERENCES: 1.IEEE 323-74,382-72						3
*	RADIATION R	3.2/9.2							
**********	AGING	3.2/9.2							REVISION # :03
PHYS DWG REF: 2998G-393	SUBMERGENCE	3.2/9.2							DATE :08/30/82
PHYS DWG LOC:									
MOUNTING : NOT APPLICABLE	SAR ENV CAT: D								SYSTEM :CONTAINMENT SPRAY
EQ PACK # : 3.2/9.2	0588 CATEG.: A								TAG :FCV-07-1A
	APPENDIX E								

A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: 890 MW(E) | CES#-2024

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : FCV-07-1B	OPERABIL-ITY NORM/TEST DBA	40 YRS 180 DAYS POST DBA	>40 YRS +40000CYCL	SL2-FSAR TBLE3.11-2	PG 5-1 OF NOTE 1 P.4-7 OF NOTE 2	COMB. TEST & EXTRA-POL'N	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS TYPE	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	120F NORM >SL2 DBA REQUIRMNTS	TAB25A SL2-FSAR TABLE311-1 T393	PG 4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA-POL'N	H	NONE	ACCEL TEMP: 268/248F
COMPONENT: CONTROL VALVE									REPLACEMENT: 12.3 YRS FIG5,6 NOTE2
MANUFACTURER: ASCO/NAMCO	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	OPSIGNORM >SL2 DBA REQUIRMNTS	PAB25A SL2-FSAR TABLE311-1 P393	PG 4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA-POL'N	H	NONE	MAINTAIN.: 12.3 YRS FIG5,6 NOTE2
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : LS:EA18021302 S:NP831664E	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 43% DESIGN	>90%	HAB25A SL2-FSAR TABLE311-1 H393	IP.8-2 OF NOTE 1 IP.4-4 OF NOTE 2	COMB. TEST & EXTRA-POL'N	/	NONE	NOTE 1:ASCO REPT. AQS21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80
FUNCT.DES: & SERVICE CONT ISOL	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	370 1.0E5 4.0E5 5.2E5 6.1E5 7.3E5 1.0E4 5.0E5	2.0E8 TOTAL INTEGRATED DOSE	RAB25C1 SL2-FSAR TABLE311-1 R393	IP.4-4 OF NOTE 1 IP.4-4 OF NOTE 2	COMB. TEST & EXTRA-POL'N	H	NONE	
SPECIFICATIONS: 110									
P.O #:422550 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 PG.4-12 OF NOTE 2	COMB. TEST & EXTRA-POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB25									AUXSUP
COORDINATES X- 596.0 Y- 1494.0 Z- 20.0	SUBMERGED	NO AREA FLOODING	NOT APPLICABLE	SAB25 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): YES INSTAL. REF: FV0007 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION ********	OPERABILITY	3.2/9.2							
	TEMPERATURE T	3.2/9.2							
	PRESSURE P	3.2/9.2							
	REL. HUMDTY H	3.2/9.2							
	CHEM. SPRAY C	3.2/9.2	REFERENCES: 1.IEEE 323-74,382-72						
	RADIATION R	3.2/9.2	2.REPLACE NON NP 8300 SERIES SOLENOIDS.						
	AGING	3.2/9.2							
	SUBMERGENCE S	3.2/9.2							
PHYS DWG REF: 2998G-393 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 3.2/9.2	SAR ENV CAT: D 0588 CATEG.: A APPENDIX E								REVISION # :03 DATE :08/30/82 SYSTEM :CABLE & RACEWAY TAG :FCV-07-1B

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2025

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF. 2	DOCUMENTATION ACTUAL 3	DOCUMENTATION DEM. QUALIF. 4	QUALIF. METHOD 5	H/M 6	OUTS ITEMS 7	
TAG NO : HCV-25-6A	OPERABIL-ITY NORM/TEST DBA	40 YRS 180 DAYS POST DBA	>40 YRS +40000CYCL	SL2-FSAR TBLE3.11-2	PG 5-1 OF NOTE 1 P.4-7 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS TYPE									ACCEL TEMP: 268/248F
COMPONENT: CONTROL VALVE	TEMPERAT-URE	85.5F NORM 112F1200HR 104FDESIGN	120F NORM >SL2 DBA REQUIRMNTS	TAB24I SL2-FSAR TABLE311-1 T390	PG 4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	M	NONE	REPLACEMENT: FIG5,6 NOTE2
MANUFACTURER: ASCO/NAMCO	PRESSURE	ATMOS NORM OPSIG (ACC. DBA)	OPSIGNORM >SL2 DBA REQUIRMNTS	PAB24 SL2-FSAR TABLE311-1 P390	PG 4-21 OF NOTE 1 FIG.3 OF NOTE 2	COMB. TEST & EXTRA- POL'N	M	NONE	MAINTAIN.: FIG5,6 NOTE2
MAJOR SUPPLIER : WKM									SUBCOMPONENTS:
MODEL AND: S:NP8321A1E SERIAL # LS:EA18031302	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H 50% DESIGN	>90%	HAB24I SL2-FSAR TABLE311-1 H390	IP.8-2 OF NOTE 1 IP.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1:ASCO REPT. AQS21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80
FUNCT.DES: ECCS ISOL & SERVICE CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL SPRAY	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.0E8 TOTAL INTEGRATED DOSE	RAB24M SL2-FSAR TABLE311-1 R390	IP.4-4 OF NOTE 1 IP.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 110									
P.O #:422550 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 PG.4-12 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									AUXSUP
COORDINATES X- 546.0 Y- 1522.0 Z- 5.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): YES INSTAL. REF: FV0036 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2
QUALIF QUALIFIED-FOR *STATUS* INTERIM OPERATION	OPERABILITY TEMPERATURE T PRESSURE P REL. HUMDTY H CHEM. SPRAY C RADIATION R AGING SUBMERGENCE S	3.2/9.2 3.2/9.2 3.2/9.2 3.2/9.2 3.2/9.2 3.2/9.2 3.2/9.2 3.2/9.2							
PHYS DWG REF: 2998G-390 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 3.2/9.2	SAR ENV CAT: D 10588 CATEG.: A APPENDIX E		REFERENCES: 1.IEEE 323-74,382-72						REVISION # :03 DATE :08/30/82 SYSTEM :CONTAINMENT PURGE TAG :HCV-25-6A

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2026

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HCV-25-7A	OPERABIL-ITY	40 YRS 180 DAYS	>40 YRS +40000CYCL	SL2-FSAR TBLE3.11-2	PG 5-1 OF NOTE 1 P.4-7 OF	COMB. TEST & EXTRA-	/	NONE	ACCEL TIME: 288/400HRS
EQUIPMENT: VALVE OPERATORS	NORM/TEST DBA	POST DBA			NOTE 2	POL'N			ACCEL TEMP: 268/248F
TYPE	TEMPERAT-URE	85.5F NORM	120F NORM >SL2 DBA	TAB24I SL2-FSAR	PG 4-21 OF NOTE 1	COMB. TEST &	M	NONE	
COMPONENT: CONTROL VALVE		112F1200HR 104FDESIGN	REQUIRMNTS	TABLE311-1 T390	FIG.3 OF NOTE 2	EXTRA- POL'N			REPLACEMENT: FIG5,6 NOTE2
MANUFACTURER:ASCO/NAMCO	PRESSURE	ATMOS NORM OPSIG	OPSIGNORM >SL2 DBA	PAB24 SL2-FSAR	PG 4-21 OF NOTE 1	COMB. TEST &	M	NONE	MAINTAIN.: FIG5,6 NOTE2
MAJOR : WKM SUPPLIER		(ACC. DBA)	REQUIRMNTS	TABLE311-1 P390	FIG.3 OF NOTE 2	EXTRA- POL'N			SUBCOMPONENTS:
MODEL AND: S:NP8321A1E SERIAL # LS:EA18021302	RELATIVE HUMIDITY	70.0% NORM 72.0%1200H	>90%	HAB24I SL2-FSAR TABLE311-1	P.8-2 OF NOTE 1 P.4-4 OF	COMB. TEST & EXTRA-	/	NONE	NOTE 1:ASCO REPT. AOS21678/TR REV.A 2.NAMCO REPT. QTR 105 DATED 8/80
FUNCT.DES: ECCS ISOL & SERVICE CABLE CONDUCTR CONECTORS		50% DESIGN		H390	NOTE 2	POL'N			
	CHEMICAL SPRAY	AREA NOT SUBJECT TO CHEMICAL	NOT APPLICABLE	CAB24 SL2-FSAR TABLE311-1	NOT APPLICABLE	N/A	M	NONE	
ACCUR. SPEC: NOT APPLICABLE		SPRAY							
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	240 4.0E4 2.8E5 2.2E5 4.2E5 3.1E5 1.0E4 2.0E5	2.0E8 TOTAL INTEGRATED DOSE	RAB24M SL2-FSAR TABLE311-1 R390	P.4-4 OF NOTE 1 P.4-4 OF NOTE 2	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS:110									
P.O #:422550 CWD # : /	AGE- INST LIFE (PER 323- 1974 DEF.)	40 YRS	40 YRS	10CFR50 PARA 50.51	PG.5-1 OF NOTE 1 PG.4-12 OF NOTE 2	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: AB24									AUXSUP
COORDINATES X- 562.0 Y- 1537.0 Z- 5.0	SUBMERGED	-10.0 FT	NOT APPLICABLE	SAB24M SL2-FSAR TABLE311-1 S390	NOT APPLICABLE	N/A	M	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): YES INSTAL. REF:FV0037 QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:3.2/9.2
**********	OPERABILITY	3.2/9.2							
QUALIF QUALIFIED-FOR	TEMPERATURE T	3.2/9.2							
STATUS INTERIM OPERATION	PRESSURE P	3.2/9.2							
********	REL. HUMDTY H	3.2/9.2							
*	CHEM. SPRAY C	3.2/9.2	REFERENCES: 1.IEEE 323-74,382-72						
**********	RADIATION R	3.2/9.2							
PHYS DWG REF: 2998G-390	AGING	3.2/9.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	3.2/9.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									SYSTEM :CONTAINMENT PURGE
EQ PACK # : 3.2/9.2	SAR ENV CAT: D								TAG :HCV-25-7A
	0588 CATEG.: A								
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2035

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FCV-26-1CM	OPERABIL-ITY	40 YEARS	40 YEARS	SL2-FSAR	REF 1	COMB. TEST & EXTRA-	/	NONE	ACCEL TIME: 5 CYCLS
	NORM/TEST DBA	180 DAYS POST DBA	>200DYS POST DBA	TBL 3.11-2 MAX DURATI ON		POL'N			ACCEL TEMP: 30-150F
EQUIPMENT: CONDUIT SEALS	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
TYPE									
COMPONENT: CONDUCTOR MODULES	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: N/A
MANUFACTURER: CONAX CORP									
MAJOR SUPPLIER : NOT APPLICABLE	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND SERIAL #: BY FIELD									
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	2.0E6 2.9E7 3.5E7 6.0E4	3.0E5 2.1E6 2.2E6 2.5E5	2.238E8 T.I.D.	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. DEM.: NOT APPLICABLE									
SPECIFICATIONS: 307	AGE- INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
P.O #: 422562 CWD # : /									
PLANT LOC.: RB15									AUXSUP
COORDINATES X- 635.0 Y- 1505.0 Z- 27.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	ABOVE FLOOD LEVEL	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0003									
QUALIF EXEMPTN: NO									

PARAMETER	SUPPL. REVIEW
OPERABILITY	15.2
TEMPERATURE T	15.2
PRESSURE P	15.2
REL. HUMDTY H	15.2
CHEM. SPRAY C	15.2
RADIATION R	15.2
AGING	15.2
SUBMERGENCE S	15.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2

REVISION # :03
DATE :08/30/82

SYSTEM :CABLE & RACEWAY
TAG :FCV-26-1CM

QUALIF RETEST *STATUS* ********

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.2

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2036

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : FCV-26-1CM	OPERABIL-ITY	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATI ON	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS	NORM/TEST DBA								ACCEL TEMP: 30-150F
TYPE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	
COMPONENT: CONDUCTOR MODULES									REPLACEMENT: N/A
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : LATER	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: CL.1E SAFETY & SERVICE CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	3
ACCUR. SPEC: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.238E8 T.I.D.	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	H	NONE	
ACCUR. DEM.: NOT APPLICABLE									
SPECIFICATIONS: 307	AGE- INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
P.O #: 422562 CWD # : /									
PLANT LOC.: RB15									
COORDINATES X- 635.0 Y- 1505.0 Z- 27.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	ABOVE FLOOD LEVEL	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): LTR									
INSTAL. REF: BY-FLD	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
QUALIF RETEST *STATUS*	TEMPERATURE	T 15.2							
	PRESSURE	P 15.2							
	REL. HUMDTY	H 15.2							
	CHEM. SPRAY	C 15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1						
	RADIATION	R 15.2							
PHYS DWG REF: 2998G-365	AGING	15.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 15.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									SYSTEM :CABLE & RACEWAY
EQ PACK # : 15.2	SAR ENV CAT: A								TAG :FCV-26-1CM
	0588 CATEG.: A								
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2037

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FCV-26-3CM	OPERABILITY	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATI ON	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE	NORM/TEST DBA								ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: LATER	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50- 65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 12.0E6 3.0E5 30 D 12.9E7 2.1E6 1 YR 13.5E7 2.2E6 40YR/RW 16.0E4 2.5E5	2.238E8 T.I.D.	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.0 Y- 1505.0 Z- 27.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	ABOVE FLOOD LEVEL	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO INSTAL. REF: BY-FLD QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	15.2
TEMPERATURE T	15.2
PRESSURE P	15.2
REL. HUMDTY H	15.2
CHEM. SPRAY C	15.2
RADIATION R	15.2
AGING	15.2
SUBMERGENCE S	15.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2

QUALIF RETEST
STATUS
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PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.2

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

REVISION # :03
DATE :08/30/82

SYSTEM :CABLE & RACEWAY
TAG :FCV-26-3CM

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2038

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : FCV-26-5CM	OPERABILITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATI ON	REF 1	COMB. TEST & EXTRA- POL'N	/ .	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: 2/4/C#16	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.238E8 I.I.D.	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE- INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 635.0 Y- 1505.0 Z- 27.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	ABOVE FLOOD LEVEL	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: BY-FLD									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	15.2
TEMPERATURE T	15.2
PRESSURE P	15.2
REL. HUMDTY H	15.2
CHEM. SPRAY C	15.2
RADIATION R	15.2
AGING	15.2
SUBMERGENCE S	15.2

QUALIF RETEST
STATUS
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PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.2

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2

REVISION # :03
DATE :08/30/82

SYSTEM :CABLE & RACEWAY
TAG :FCV-26-5CM

3

A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: 890 MW(E) | CES#-2039

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FCV-23-6CM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS									ACCEL TEMP:
TYPE									30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM / FIG. 10 / (ACC. DBA) / 119FDESIGN	122F NORM / EXCEEDS / SL2 ACC. / FIG.10	TRB15 / SL2-FSAR / TABLE311-1 / T365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.:
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM / FIG. 9 / (ACC. DBA)	OPSIG NORM / EXCEEDS / SL2 ACC. / FIG.9	PRB15 / SL2-FSAR / TABLE311-1 / P365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	N/A
MODEL AND SERIAL # : 2/4/C#16 N-11006-71	RELATIVE HUMIDITY	45 TO 100% / 100% / (ACC. DBA)	100%	HRB15 / SL2-FSAR / TABLE311-1 / H365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 / PPM B. 50- / 65PPM HYDZ / PH 4.9-7.0	BORON&NAOH / PH 10.5	CRB15 / SL2-FSAR / TABLE311-1 / C365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	3
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 12.0E6 3.0E5 30 D 12.9E7 2.1E6 1 YR 13.5E7 2.2E6 16.0E4 2.5E5	2.238E8 / T.I.D.	RRB15B / SL2-FSAR / TABLE311-1 / R365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 / PARA 50.51	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 617.0 Y- 1501.0 Z- 20.0	SUBMERGED	26.0 FT / MAXIMUM / FIG. 11 / (ACC.DBA)	SEE REF 2	SRB15 / SL2-FSAR / TABLE311-1 / S365	SEE REF 2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): YES									
INSTAL. REF: FV0009	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							PACKAGE: 15.2
QUALIF RETEST *STATUS*	TEMPERATURE T	15.2							
	PRESSURE P	15.2							
	REL. HUMDTY H	15.2							
	CHEM. SPRAY C	15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1						
	RADIATION R	15.2							
PHYS DWG REF: 2998G-365	AGING	15.2	2)DATA NOT SUPPLIED IN REPORTS NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW						REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	15.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								SYSTEM :CABLE & RACEWAY
	0588 CATEG.: A								TAG :FCV-23-6CM
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2040

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : FCV-23-4CM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM / FIG. 10 / (ACC. DBA) / 119FDESIGN	122F NORM / EXCEEDS / SL2 ACC. / FIG.10	TRB15 / SL2-FSAR / TABLE311-1 / T365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT:. N/A
MANUFACTURER: CONAX CORP									MAINTAIN.:
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM / FIG. 9 / (ACC. DBA)	OPSIG NORM / EXCEEDS / SL2 ACC. / FIG.9	PRB15 / SL2-FSAR / TABLE311-1 / P365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	N/A
MODEL AND SERIAL #: 2/4/C#16	RELATIVE HUMIDITY	45 TO 100% / 100% / (ACC. DBA)	100%	HRB15 / SL2-FSAR / TABLE311-1 / H365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 / PPM B. 50- / 65PPM HYDZ / PH 4.9-7.0	BORON&NAOH / PH 10.5	CRB15 / SL2-FSAR / TABLE311-1 / C365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	3
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR / A 30 D / D 1 YR / . 40YR/RW	2.0E6 3.0E5 / 2.9E7 2.1E6 / 3.5E7 2.2E6 / 6.0E4 2.5E5	2.238E8 / T.I.D.	RRB15B / SL2-FSAR / TABLE311-1 / R365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE- / INST LIFE / (PER 323- / 1974 DEF.)	40 YEARS	40 YEARS	10CFR50 / PARA 50.51	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 625.0 Y- 1532.0 Z- 37.0	SUBMERGED	26.0 FT / MAXIMUM / FIG. 11 / (ACC.DBA)	ABOVE / FLOOD / LEVEL	SRB15 / SL2-FSAR / TABLE311-1 / S365	NOT / APPLICABLE	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): YES									
INSTAL. REF: FV0008									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	15.2
TEMPERATURE T	15.2
PRESSURE P	15.2
REL. HUMDTY H	15.2
CHEM. SPRAY C	15.2
RADIATION R	15.2
AGING	15.2
SUBMERGENCE S	15.2

QUALIF RETEST
STATUS

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.2

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2

REVISION # :03
DATE :08/30/82

SYSTEM :CABLE & RACEWAY
TAG :FCV-23-4CM

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2041

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FCV-25-3CM	OPERABIL-ITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATI ON	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.:
	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	N/A
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND: 3/4/C#16 SERIAL # N-11006-65	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.238E8 T.I.D.	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 631.0 Y- 1540.0 Z- 33.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	ABOVE FLOOD LEVEL	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): YES									
INSTAL. REF: FV0011	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
**********	TEMPERATURE T	15.2							
QUALIF RETEST	PRESSURE P	15.2							
STATUS	REL. HUMDTY H	15.2							
********	CHEM. SPRAY C	15.2							
*	RADIATION R	15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1						
**********	AGING	15.2							
PHYS DWG REF: 2998G-365	SUBMERGENCE S	15.2							REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A 0588 CATEG.: A APPENDIX E								SYSTEM :CABLE & RACEWAY TAG :FCV-25-3CM

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2042

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FCV-25-4CM	OPERABIL-ITY NORM/TEST	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATI ON	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS	DBA								ACCEL TEMP:
TYPE									30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB16 SL2-FSAR TABLE311-1 T366	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.:
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB16 SL2-FSAR TABLE311-1 P366	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	N/A SUBCOMPONENTS:
MODEL AND SERIAL #: 3/4/C#16	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB16 SL2-FSAR TABLE311-1 H366	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB16 SL2-FSAR TABLE311-1 C366	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	3
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	2.238E8 T.I.D.	RRB16B SL2-FSAR TABLE311-1 R366	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB16									
COORDINATES X- 618.0 Y- 1499.0 Z- 45.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	ABOVE FLOOD LEVEL	SRB16 SL2-FSAR TABLE311-1 S366	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0012	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	15.2							
QUALIF RETEST	TEMPERATURE T	15.2							
STATUS	PRESSURE P	15.2							
********	REL. HUMDTY H	15.2							
*	CHEM. SPRAY C	15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1						
**********	RADIATION R	15.2							
PHYS DWG REF: 2998G-366	AGING	15.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	15.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								SYSTEM :CABLE & RACEWAY
	0588 CATEG.: A								TAG :FCV-25-4CM
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 89C MW(E) CES#-2043

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FCV-25-20CM	OPERABIL-ITY	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATI ON	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE	NORM/TEST DBA								ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB16 SL2-FSAR TABLE311-1 T366	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB16 SL2-FSAR TABLE311-1 P366	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL #: 3/4/C#16	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB16 SL2-FSAR TABLE311-1 H366	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB16 SL2-FSAR TABLE311-1 C366	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	2.238E8 T.I.D.	RRB16B SL2-FSAR TABLE311-1 R366	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB16									
COORDINATES X- 618.0 Y- 1512.0 Z- 47.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	ABOVE FLOOD LEVEL	SRB16 SL2-FSAR TABLE311-1 S366	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0010	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	15.2							
QUALIF RETEST *STATUS*	TEMPERATURE T	15.2							
********	PRESSURE P	15.2							
*	REL. HUMDTY H	15.2							
**********	CHEM. SPRAY C	15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1						
	RADIATION R	15.2							
PHYS DWG REF: 2998G-366	AGING	15.2							REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	SUBMERGENCE S	15.2							
MOUNTING : NOT APPLICABLE									SYSTEM :CABLE & RACEWAY
EQ PACK # : 15.2	SAR ENV CAT: A								TAG :FCV-25-20CM
	0588 CATEG.: A								
	APPENDIX E								

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A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2044

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : FSE-27-8CM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 / SL2-FSAR / TABLE311-1 / T365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 / SL2-FSAR / TABLE311-1 / P365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL # : 1/6/C#16	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 / SL2-FSAR / TABLE311-1 / H365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 / SL2-FSAR / TABLE311-1 / C365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	12.0E6 3.0E5 12.9E7 2.1E6 13.5E7 2.2E6 16.0E4 2.5E5	12.238E8 T.I.D.	RRB15B / SL2-FSAR / TABLE311-1 / R365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE
SPECIFICATIONS: 307									
P.O #:422562 CWD # : /	AGE- / INST LIFE / (PER 323- / 1974 DEF.)	40 YEARS	40 YEARS	10CFR50 / PARA 50.51	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 619.0 Y- 1485.0 Z- 20.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 / SL2-FSAR / TABLE311-1 / S365	SEE REF 2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0022	PARA- / METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
**********	TEMPERATURE T	15.2							
QUALIF RETEST	PRESSURE P	15.2							
STATUS	REL. HUMDTY H	15.2							
********	CHEM. SPRAY C	15.2							
*	RADIATION R	15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1						
**********	AGING	15.2	2)DATA NOT SUPPLIED IN REPORTS NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW						
PHYS DWG REF: 2998G-365	SUBMERGENCE S	15.2							REVISION # :03 DATE :08/30/82
PHYS DWG LOC:									
MOUNTING : NOT APPLICABLE									SYSTEM :CABLE & RACEWAY
EQ PACK # : 15.2	SAR ENV CAT: A								TAG :FSE-27-8CM
	0588 CATEG.: A								
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2045

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FSE-27-9CM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS /POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: 1/6/C#16	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE: CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.238E8 T.I.D.	RRB15B SL2-FSAR TABLE311-1 R365.	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 619.0 Y- 1486.0 Z- 20.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0023									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	15.2
TEMPERATURE T	15.2
PRESSURE P	15.2
REL. HUMDTY H	15.2
CHEM. SPRAY C	15.2
RADIATION R	15.2
AGING	15.2
SUBMERGENCE S	15.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1
2)DATA NOT SUPPLIED IN REPORTS - NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2

REVISION # :03
DATE :08/30/82

SYSTEM :CABLE & RACEWAY
TAG :FSE-27-9CM

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.2

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2046

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : FSE-27-10CM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI ON	REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS									ACCEL TEMP:
TYPE									30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.:
	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	N/A
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL #: 1/6/C#16	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: CL.1E SAFETY & SERVICE CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	3
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.238E8 T.I.D.	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 619.0 Y- 1487.0 Z- 20.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0017	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
**********	TEMPERATURE T	15.2							
QUALIF RETEST	PRESSURE P	15.2							
STATUS	REL. HUMDTY H	15.2							
********	CHEM. SPRAY C	15.2							
*	RADIATION R	15.2							
**********	AGING	15.2							
PHYS DWG REF: 2998G-365	SUBMERGENCE S	15.2							
PHYS DWG LOC:			REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1 2)DATA NOT SUPPLIED IN REPORTS NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW						REVISION # :03 DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								SYSTEM :CABLE & RACEWAY
	0588 CATEG.: A								TAG :FSE-27-10CM
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2047

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FSE-27-11CM	OPERABIL-ITY /NORM/TEST	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE	DBA								ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.:
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	N/A SUBCOMPONENTS:
MODEL AND SERIAL #: 1/6/C#16	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.238E8 T.I.D.	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 619.0 Y- 1488.0 Z- 20.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0018	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
QUALIF RETEST *STATUS*	TEMPERATURE T	15.2							
	PRESSURE P	15.2							
	REL. HUMDTY H	15.2							
	CHEM. SPRAY C	15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1 2)DATA NOT SUPPLIED IN REPORTS NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW						
	RADIATION R	15.2							
PHYS DWG REF: 2998G-365	AGING	15.2							REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	SUBMERGENCE S	15.2							
MOUNTING : NOT APPLICABLE									SYSTEM :CABLE & RACEWAY
EQ PACK # : 15.2	SAR ENV CAT: A 10588 CATEG.: A APPENDIX E								TAG :FSE-27-11CM

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2048

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. (2)	DOCUMENTATION ACTUAL (3)	DEM. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FSE-27-12CM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM / FIG. 10 / (ACC. DBA) / 119FDESIGN	122F NORM / EXCEEDS / SL2 ACC. / FIG.10	TRB15 / SL2-FSAR / TABLE311-1 / T365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM / FIG. 9 / (ACC. DBA)	OPSIG NORM / EXCEEDS / SL2 ACC. / FIG.9	PRB15 / SL2-FSAR / TABLE311-1 / P365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: 1/6/C#16	RELATIVE HUMIDITY	45 TO 100% / 100% / (ACC. DBA)	100%	HRB15 / SL2-FSAR / TABLE311-1 / H365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 / SL2-FSAR / TABLE311-1 / C365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.238E8 T.I.D.	RRB15B / SL2-FSAR / TABLE311-1 / R365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. DEM.: NOT APPLICABLE									
SPECIFICATIONS: 307	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 / PARA 50.51	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
P.O #: 422562 CWD # : /									
PLANT LOC.: RB15									
COORDINATES X- 630.0 Y- 1542.0 Z- 34.0	SUBMERGED	26.0 FT MAXIMUM / FIG. 11 / (ACC.DBA)	ABOVE / FLOOD / LEVEL	SRB15 / SL2-FSAR / TABLE311-1 / S365	NOT APPLICABLE	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0019									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER		SUPPL. REVIEW
OPERABILITY		15.2
TEMPERATURE	T	15.2
PRESSURE	P	15.2
REL. HUMDTY	H	15.2
CHEM. SPRAY	C	15.2
RADIATION	R	15.2
AGING		15.2
SUBMERGENCE	S	15.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2

REVISION # :03
DATE :08/30/82

SYSTEM :CABLE & RACEWAY
TAG :FSE-27-12CM

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.2

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2049

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : FSE-27-13CM	OPERABILITY	40 YEARS 180 DAYS	40 YEARS >200DYS	SL2-FSAR TBL 3.11-2	REF 1	COMB. TEST &	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS	NORM/TEST DBA	POST DBA	POST DBA	MAX DURATI ON		EXTRA- POL'N			ACCEL TEMP: 30-150F
TYPE									
COMPONENT: CONDUCTOR MODULES	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: 1/6/C#16	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.238E8 T.I.D.	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 628.0 Y- 1538.0 Z- 34.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	ABOVE FLOOD LEVEL	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0020									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	15.2
TEMPERATURE T	15.2
PRESSURE P	15.2
REL. HUMDTY H	15.2
CHEM. SPRAY C	15.2
RADIATION R	15.2
AGING	15.2
SUBMERGENCE S	15.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2

QUALIF RETEST *STATUS*

REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.2

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

REVISION # :03
DATE :08/30/82

SYSTEM :CABLE & RACEWAY
TAG :FSE-27-13CM

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2050

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : FSE-27-14CM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM / FIG. 10 / (ACC. DBA) / 119FDESIGN	122F NORM / EXCEEDS / SL2 ACC. / FIG.10	TRB15 / SL2-FSAR / TABLE311-1 / T365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.:
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM / FIG. 9 / (ACC. DBA)	OPSIG NORM / EXCEEDS / SL2 ACC. / FIG.9	PRB15 / SL2-FSAR / TABLE311-1 / P365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	N/A SUBCOMPONENTS:
MODEL AND SERIAL # : 1/6/C#16	RELATIVE HUMIDITY	45 TO 100% / 100% / (ACC. DBA)	100%	HRB15 / SL2-FSAR / TABLE311-1 / H365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 / PPM B. 50- / 65PPM HYDZ / PH 4.9-7.0	BORON&NAOH / PH 10.5	CRB15 / SL2-FSAR / TABLE311-1 / C365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R / A / D / .	2 HR / 30 D / 1 YR / 40YR/RW	2.0E6 3.0E5 / 2.9E7 2.1E6 / 3.5E7 2.2E6 / 6.0E4 2.5E5	2.238E8 / T.I.D.	RRB15B / SL2-FSAR / TABLE311-1 / R365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : / PLANT LOC.: RB15	AGE- / INST LIFE / (PER 323- / 1974 DEF.)	40 YEARS	40 YEARS	10CFR50 / PARA 50.51	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
COORDINATES X- 629.0 Y- 1540.0 Z- 34.0	SUBMERGED	26.0 FT / MAXIMUM / FIG. 11 / (ACC.DBA)	NO / AREA / FLOODING	SRB15 / SL2-FSAR / TABLE311-1 / S365	NOT APPLICABLE	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0021	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
QUALIF RETEST *STATUS*	TEMPERATURE T	15.2							
	PRESSURE P	15.2							
	REL. HUMDTY H	15.2							
	CHEM. SPRAY C	15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1						
	RADIATION R	15.2							
PHYS DWG REF: 2998G-365	AGING	15.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	15.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								SYSTEM :CABLE & RACEWAY
	0588 CATEG.: A								TAG :FSE-27-14CM
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2051

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HCV-14-1CM	OPERABIL-ITY	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATI ON	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE	NORM/TEST DBA								ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : 3/4/C#16 N-11006-65	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.238E8 T.I.D.	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	H	NONE	
ACCUR. DEM.: NOT APPLICABLE									
SPECIFICATIONS: 307	AGE- INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
P.O #: 422562 CWD # : /									
PLANT LOC.: RB15									
COORDINATES X- 633.0 Y- 1492.0 Z- 20.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): YES									
INSTAL. REF: FV0024									
QUALIF EXEMPTN: NOT APPLIC									

PARA-METER	SUPPL. REVIEW
OPERABILITY	15.2
TEMPERATURE T	15.2
PRESSURE P	15.2
REL. HUMDTY H	15.2
CHEM. SPRAY C	15.2
RADIATION R	15.2
AGING	15.2
SUBMERGENCE S	15.2

SAR ENV CAT: A
O588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1) QUAL. BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1
2) DATA NOT SUPPLIED IN REPORTS NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.2

REVISION # : 03
DATE : 08/30/82

SYSTEM : CABLE & RACEWAY
TAG : HCV-14-1CM

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2052

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HCV-14-2CM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 / SL2-FSAR / TABLE311-1 / T365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 / SL2-FSAR / TABLE311-1 / P365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL # : 3/4/C#16	RELATIVE HUMIDITY	45 TO 100% / 100% (ACC. DBA)	100%	HRB15 / SL2-FSAR / TABLE311-1 / H365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 / SL2-FSAR / TABLE311-1 / C365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.238E8 T.I.D.	RRB15B / SL2-FSAR / TABLE311-1 / R365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 / PARA 50.51	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 633.0 Y- 1493.0 Z- 20.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 / SL2-FSAR / TABLE311-1 / S365	SEE REF 2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0025	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
QUALIF RETEST *STATUS*	TEMPERATURE	T 15.2							
	PRESSURE	P 15.2							
	REL. HUMDTY	H 15.2							
	CHEM. SPRAY	C 15.2							
	RADIATION	R 15.2							
PHYS DWG REF: 2998G-365	AGING	15.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 15.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								SYSTEM :CABLE & RACEWAY
	0588 CATEG.: A								TAG :HCV-14-2CM
	APPENDIX E								

REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1
2)DATA NOT SUPPLIED IN REPORTS NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2053

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HCV-3618CM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM / FIG. 10 / (ACC. DBA) / 119FDESIGN	122F NORM / EXCEEDS / SL2 ACC. / FIG.10	TRB16 / SL2-FSAR / TABLE311-1 / T366	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.: N/A
MAJOR : NOT APPLICABLE SUPPLIER	PRESSURE	OPSIG NORM / FIG. 9 / (ACC. DBA)	OPSIG NORM / EXCEEDS / SL2 ACC. / FIG.9	PRB16 / SL2-FSAR / TABLE311-1 / P366	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: 2/4/C#16 SERIAL # N-11006-71	RELATIVE HUMIDITY	45 TO 100% / 100% / (ACC. DBA)	100%	HRB16 / SL2-FSAR / TABLE311-1 / H366	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS									
	CHEMICAL SPRAY	1720-2150 / PPM B. 50- / 65PPM HYDZ / PH 4.9-7.0	BORON&NAOH / PH 10.5	CRB16 / SL2-FSAR / TABLE311-1 / C366	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	2.238E8 / T.I.D.	RRB16B / SL2-FSAR / TABLE311-1 / R366	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB16									
COORDINATES X- 729.0 Y- 1465.0 Z- 46.0	SUBMERGED	26.0 FT / MAXIMUM / FIG. 11 / (ACC.DBA)	ABOVE FLOOD LEVEL	SRB16 / SL2-FSAR / TABLE311-1 / S366	NOT APPLICABLE	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): YES									
INSTAL. REF: FV0039	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
QUALIF RETEST *STATUS*	TEMPERATURE T	15.2							
	PRESSURE P	15.2							
	REL. HUMDTY H	15.2							
	CHEM. SPRAY C	15.2							
	RADIATION R	15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1						
PHYS DWG REF: 2998G-366	AGING	15.2							
PHYS DWG LOC:	SUBMERGENCE S	15.2							
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								REVISION # :03
	0588 CATEG.: A								DATE :08/30/82
	APPENDIX E								SYSTEM :CABLE & RACEWAY
									TAG :HCV-3618CM

A/E: EBASCO SERVICES INC.
UTILITY: FLORIDA POWER & LIGHT

FACILITY: ST. LUCIE NO. 2
COMPONENT EVALUATION SHEET

NSSS: COMBUSTION ENG. - PWR
CAPACITY: 890 MW(E)

REV#- 3
CES#-2054

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HCV-3628CM	OPERABIL-ITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATI ON	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB16 SL2-FSAR TABLE311-1 T366	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB16 SL2-FSAR TABLE311-1 P366	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: N/A.
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND: 2/4/C#16 SERIAL # N-11006-65	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB16 SL2-FSAR TABLE311-1 H366	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: CL.1E SAFETY & SERVICE CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB16 SL2-FSAR TABLE311-1 C366	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	2.238E8 T.I.D.	RRB16B SL2-FSAR TABLE311-1 R366	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB16									
COORDINATES X- 741.0 Y- 1507.0 Z- 45.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	ABOVE FLOOD LEVEL	SRB16 SL2-FSAR TABLE311-1 S366	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): YES INSTAL. REF: FV0042									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	15.2
TEMPERATURE T	15.2
PRESSURE P	15.2
REL. HUMDTY H	15.2
CHEM. SPRAY C	15.2
RADIATION R	15.2
AGING	15.2
SUBMERGENCE S	15.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-366
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.2

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

REVISION # :03
DATE :08/30/82

SYSTEM :CABLE & RACEWAY
TAG :HCV-3628CM

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2055

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/MI	OUTS ITEMS	
TAG NO : HCV-3638CM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM / FIG. 10 / (ACC. DBA) / 119FDESIGN	122F NORM / EXCEEDS / SL2 ACC. / FIG.10	TRB16 / SL2-FSAR / TABLE311-1 / T366	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.:
	PRESSURE	OPSIG NORM / FIG. 9 / (ACC. DBA)	OPSIG NORM / EXCEEDS / SL2 ACC. / FIG.9	PRB16 / SL2-FSAR / TABLE311-1 / P366	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	N/A
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : 2/4/C#16 N-11006-71	RELATIVE HUMIDITY	45 TO 100% / 100% / (ACC. DBA)	100%	HRB16 / SL2-FSAR / TABLE311-1 / H366	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS									3
	CHEMICAL SPRAY	1720-2150 / PPM B. 50- / 65PPM HYDZ / PH 4.9-7.0	BORON&NAOH / PH 10.5	CRB16 / SL2-FSAR / TABLE311-1 / C366	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR / A 30 D / D 1 YR / . 40YR/RW	2.7E6 5.2E5 / 4.0E7 3.2E6 / 4.8E7 3.8E6 / 3.0E4 1.5E6	2.238E8 / T.I.D.	RRB16B / SL2-FSAR / TABLE311-1 / R366	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
SPECIFICATIONS:307									
P.O #:422562 CWD # : /	AGE- / INST LIFE / (PER 323- / 1974 DEF.)	40 YEARS	40 YEARS	10CFR50 / PARA 50.51	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB16									
COORDINATES X- 639.0 Y- 1524.0 Z- 45.0	SUBMERGED	26.0 FT / MAXIMUM / FIG. 11 / (ACC.DBA)	ABOVE / FLOOD / LEVEL	SRB16 / SL2-FSAR / TABLE311-1 / S366	NOT APPLICABLE	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): YES									
INSTAL. REF;FV0045	PARA- / METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	15.2							
QUALIF RETEST	TEMPERATURE T	15.2							
STATUS	PRESSURE P	15.2							
*******	REL. HUMDTY H	15.2							
*	CHEM. SPRAY C	15.2							
**********	RADIATION R	15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1						
PHYS DWG REF: 2998G-366	AGING	15.2							REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	SUBMERGENCE S	15.2							
MOUNTING : NOT APPLICABLE									SYSTEM :CABLE & RACEWAY
EQ PACK # : 15.2	SAR ENV CAT: A								TAG :HCV-3638CM
	0588 CATEG.: A								
	APPENDIX E								

A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: 890 MW(E) | CES#-2056

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : HCV-3648CM	OPERABIL-ITY	40 YEARS	40 YEARS	SL2-FSAR	REF 1	COMB.	/	NONE	ACCEL TIME: 5 CYCLS
	NORM/TEST DBA	180 DAYS POST DBA	>200DYS POST DBA	TBL 3.11-2 MAX DURATI ON		TEST & EXTRA- POL'N			ACCEL TEMP: 30-150F
EQUIPMENT: CONDUIT SEALS	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB16 SL2-FSAR TABLE311-1 T366	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
TYPE									
COMPONENT: CONDUCTOR MODULES	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB16 SL2-FSAR TABLE311-1 P366	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: N/A
MANUFACTURER: CONAX CORP									
MAJOR SUPPLIER : NOT APPLICABLE	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB16 SL2-FSAR TABLE311-1 H366	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND SERIAL # : 2/4/C#16 N-11006-65									
FUNCT.DES & SERVICE: CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB16 SL2-FSAR TABLE311-1 C366	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	2.238E8 T.I.D.	RRB16A SL2-FSAR TABLE311-1 R366	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE- INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB16									
COORDINATES X- 642.0 Y- 1496.0 Z- 45.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	ABOVE FLOOD LEVEL	SRB16 SL2-FSAR TABLE311-1 S366	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): YES									

INSTAL. REF: FV0048
QUALIF EXEMPTN: NOT APPLIC

PARAMETER	SUPPL. REVIEW
OPERABILITY	15.2
TEMPERATURE T	15.2
PRESSURE P	15.2
REL. HUMDTY H	15.2
CHEM. SPRAY C	15.2
RADIATION R	15.2
AGING	15.2
SUBMERGENCE S	15.2

QUALIF RETEST
STATUS

PHYS DWG REF: 2998G-366
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.2

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2

REVISION # :03
DATE :08/30/82

SYSTEM :CABLE & RACEWAY
TAG :HCV-3648CM

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2057

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : LCV-07-11ACM	OPERABIL-ITY	40 YEARS 180 DAYS	40 YEARS >200DYS	SL2-FSAR TBL 3.11-2	REF 1	COMB. TEST &	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS	NORM/TEST DBA	POST DBA	POST DBA	MAX DURATI ON		EXTRA- POL'N			ACCEL TEMP:
TYPE									30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.:
	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	N/A
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND: 2/4/C#16 SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: CL.1E SAFETY & SERVICE CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.238E8 T.I.D.	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	3
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 619.0 Y- 1517.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): YES									
INSTAL. REF.: FV0052	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
QUALIF RETEST *STATUS*	TEMPERATURE T	15.2							
	PRESSURE P	15.2							
	REL. HUMDTY H	15.2							
	CHEM. SPRAY C	15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1						
	RADIATION R	15.2							
PHYS DWG REF: 2998G-365	AGING	15.2	2)DATA NOT SUPPLIED IN REPORTS - NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW						REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	15.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								SYSTEM :CABLE & RACEWAY
	0588 CATEG.: A								TAG :LCV-07-11ACM
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2058

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : SE-02-1CM	OPERABILITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATION	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.:
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	N/A SUBCOMPONENTS:
MODEL AND SERIAL #: 2/4/C#16 N-11006-71	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 30 D 1 YR	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.238E8 T.I.D.	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 650.0 Y- 1549.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): YES									
INSTAL. REF: FV0059									
QUALIF EXEMPTN: NOT APPLIC	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF RETEST *STATUS*	OPERABILITY	15.2							
	TEMPERATURE T	15.2							
	PRESSURE P	15.2							
	REL. HUMDTY H	15.2							
	CHEM. SPRAY C	15.2							
	RADIATION R	15.2							
	AGING	15.2							
	SUBMERGENCE S	15.2							
PHYS DWG REF: 2998G-365			REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1 2)DATA NOT SUPPLIED IN REPORTS NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW						
PHYS DWG LOC:									
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								REVISION # :03 DATE :08/30/82
	0588 CATEG.: A								
	APPENDIX E								SYSTEM :CABLE & RACEWAY TAG :SE-02-1CM

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2059

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : SE-02-2CM	OPERABILITY	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATI ON	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS	NORM/TEST	DBA							ACCEL TEMP:
TYPE									30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.:
	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	N/A
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL #: 2/4/C#16 N-11006-65	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50- 65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.238E8 T.I.D.	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	3
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 648.0 Y- 1547.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): YES									
INSTAL. REF: FV0060	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
QUALIF RETEST	TEMPERATURE T	15.2							
STATUS	PRESSURE P	15.2							
	REL. HUMDTY H	15.2							
	CHEM. SPRAY C	15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1 2)DATA NOT SUPPLIED IN REPORTS ,NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW						
	RADIATION R	15.2							
PHYS DWG REF: 2998G-365	AGING	15.2							REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	SUBMERGENCE S	15.2							
MOUNTING : NOT APPLICABLE									SYSTEM :CABLE & RACEWAY
EQ PACK # : 15.2	SAR ENV CAT: A 10588 CATEG.: A APPENDIX E								TAG :SE-02-2CM

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2060

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : SE-02-3CM	OPERABIL-ITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATI ON	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.: N/A
MAJOR : NOT APPLICABLE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: 2/4/C#16 SERIAL # N-11006-65	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: CL.1E SAFETY & SERVICE CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.238E8 T.I.D.	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE- INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 652.0 Y- 1551.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	
INSTALLED (Y/N): YES									AUTH. REFERENCE: MRL<
INSTAL. REF: EV0061									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	15.2
TEMPERATURE T	15.2
PRESSURE P	15.2
REL. HUMDTY H	15.2
CHEM. SPRAY C	15.2
RADIATION R	15.2
AGING	15.2
SUBMERGENCE S	15.2

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.2

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1
2)DATA NOT SUPPLIED IN REPORTS 'NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2

REVISION # :03
DATE :08/30/82

SYSTEM :CABLE & RACEWAY
TAG :SE-02-3CM

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2061

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : SE-02-4CM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT TYPE: CONDUIT SEALS									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM / FIG. 10 / (ACC. DBA) / 119FDESIGN	122F NORM / EXCEEDS / SL2 ACC. / FIG.10	TRB15 / SL2-FSAR / TABLE311-1 / T365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM / FIG. 9 / (ACC. DBA)	OPSIG NORM / EXCEEDS / SL2 ACC. / FIG.9	PRB15 / SL2-FSAR / TABLE311-1 / P365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: 2/4/C#16 N-11006-65	RELATIVE HUMIDITY	45 TO 100% / 100% / (ACC. DBA)	100%	HRB15 / SL2-FSAR / TABLE311-1 / H365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE: CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 / PPM B. 50- / 65PPM HYDZ / PH 4.9-7.0	BORON&NAOH / PH 10.5	CRB15 / SL2-FSAR / TABLE311-1 / C365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	2.0E6 3.0E5 / 2.9E7 2.1E6 / 3.5E7 2.2E6 / 6.0E4 2.5E5	2.238E8 / I.T.I.D.	RRB15B / SL2-FSAR / TABLE311-1 / R365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE- / INST LIFE / (PER 323- / 1974 DEF.)	40 YEARS	40 YEARS	10CFR50 / PARA 50.51	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 651.0 Y- 1550.0 Z- 18.0	SUBMERGED	-26.0 FT / MAXIMUM / FIG. 11 / (ACC.DBA)	SEE REF 2	SRB15 / SL2-FSAR / TABLE311-1 / S365	SEE REF 2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
INSTALLED (Y/N): YES									AUTH. REFERENCE: MRL<
INSTAL. REF: FV0062									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	15.2
TEMPERATURE T	15.2
PRESSURE P	15.2
REL. HUMDTY H	15.2
CHEM. SPRAY C	15.2
RADIATION R	15.2
AGING	15.2
SUBMERGENCE S	15.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2

QUALIF RETEST
STATUS
****

REFERENCES:
1) QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1
2) DATA NOT SUPPLIED IN REPORTS - NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.2

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

REVISION # :03
DATE :08/30/82

SYSTEM :CABLE & RACEWAY
TAG :SE-02-4CM

3

A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: 890 MW(E) | CES#-2062

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : SE-03-1ACM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : 1/6/C#16 N-11006-70	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.238E8 T.I.D.	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB16									
COORDINATES X- 617.0 Y- 1505.0 Z- 27.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	ABOVE FLOOD LEVEL	SRB16 SL2-FSAR TABLE311-1 S366	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): YES									
INSTAL. REF: FV0063	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
QUALIF RETEST *STATUS*	TEMPERATURE	T 15.2							
	PRESSURE	P 15.2							
	REL. HUMDTY	H 15.2							
	CHEM. SPRAY	C 15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1						
	RADIATION	R 15.2							
PHYS DWG REF: 2998G-365	AGING	15.2							REVISION # : 03
PHYS DWG LOC:	SUBMERGENCE	S 15.2							DATE : 08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								SYSTEM : CABLE & RACEWAY
	0588 CATEG.: A								TAG : SE-03-1ACM
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2063

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : SE-03-1BCM	OPERABIL-ITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATI ON	REF 1	COMB. TEST & EXTRA- POL'N	/ .	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS									ACCEL TEMP: 30-150F
TYPE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB16 SL2-FSAR TABLE311-1 T366	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	
COMPONENT: CONDUCTOR MODULES									REPLACEMENT: N/A
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB16 SL2-FSAR TABLE311-1 P366	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : 1/6/C#16 N-11006-70	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB16 SL2-FSAR TABLE311-1 H366	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB16 SL2-FSAR TABLE311-1 C366	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 12.7E6 5.2E5 30 D 14.0E7 3.2E6 1 YR 14.8E7 3.8E6 40YR/RW 13.0E4 1.5E6	2.238E8 T.I.D.	RRB16B SL2-FSAR TABLE311-1 R366	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # :	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB16									
COORDINATES X- 747.0 Y- 1471.0 Z- 45.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	ABOVE FLOOD LEVEL	SRB16 SL2-FSAR TABLE311-1 S366	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): YES									
INSTAL. REF: FV0064	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
QUALIF RETEST *STATUS*	TEMPERATURE	T 15.2							
	PRESSURE	P 15.2							
	REL. HUMDTY	H 15.2							
	CHEM. SPRAY	C 15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1						
	RADIATION	R 15.2							
PHYS DWG REF: 2998G-366	AGING	15.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 15.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								SYSTEM :CABLE & RACEWAY
	0588 CATEG.: A								TAG :SE-03-1BCM
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2064

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : SE-03-1CCM	OPERABIL-ITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATI ON	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB16 SL2-FSAR TABLE311-1 T366	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB16 SL2-FSAR TABLE311-1 P366	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND SERIAL #: 1/6/C#16 N-11006-70	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB16 SL2-FSAR TABLE311-1 H366	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB16 SL2-FSAR TABLE311-1 C366	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	2.238E8 T.I.D.	RRB16B SL2-FSAR TABLE311-1 R366	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE- INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB16									
COORDINATES X- 631.0 Y- 1528.0 Z- 46.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	ABOVE FLOOD LEVEL	SRB16 SL2-FSAR TABLE311-1 S366	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): YES									
INSTAL. REF: FV0065									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	15.2
TEMPERATURE T	15.2
PRESSURE P	15.2
REL. HUMDTY H	15.2
CHEM. SPRAY C	15.2
RADIATION R	15.2
AGING	15.2
SUBMERGENCE S	15.2

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-366
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.2

SAR ENV CAT: A
O588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2

REVISION # :03
DATE :08/30/82

SYSTEM :CABLE & RACEWAY
TAG :SE-03-1CCM

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2065

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : SE-03-1DCM	OPERABILITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATION	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB16 SL2-FSAR TABLE311-1 T366	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB16 SL2-FSAR TABLE311-1 P366	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: 1/6/C#16 SERIAL # N-11006-70	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB16 SL2-FSAR TABLE311-1 H366	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB16 SL2-FSAR TABLE311-1 C366	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	2.238E8 T.I.D.	RRB16B SL2-FSAR TABLE311-1 R366	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB16									
COORDINATES X- 624.0 Y- 1514.0 Z- 46.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	ABOVE FLOOD LEVEL	SRB16 SL2-FSAR TABLE311-1 S366	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): YES									
INSTAL. REF: FV0066	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
QUALIF RETEST *STATUS*	TEMPERATURE T	15.2							
	PRESSURE P	15.2							
	REL. HUMDTY H	15.2							
	CHEM. SPRAY C	15.2							
	RADIATION R	15.2							
PHYS DWG REF: 2998G-366	AGING	15.2							REVISION # : 03
PHYS DWG LOC:	SUBMERGENCE S	15.2							DATE : 08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								SYSTEM : CABLE & RACEWAY
	0588 CATEG.: A								TAG : SE-03-1DCM
	APPENDIX E								

REFERENCES: 1) QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2066

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : SE-03-2ACM	OPERABIL-ITY	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATI	REF 1	COMB. TEST & EXTRA-	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS	NORM/TEST DBA			ON		POL'N			ACCEL TEMP:
TYPE									30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.:
	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	N/A
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL #: 1/6/C#16 N-11006-70	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: CL.1E SAFETY & SERVICE CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50- 65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.238E8 T.I.D.	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE- INST LIFE (PER 323- 1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 626.0 Y- 1464.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): YES									
INSTAL. REF: FV0067	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
QUALIF RETEST *STATUS*	TEMPERATURE T	15.2							
	PRESSURE P	15.2							
	REL. HUMDTY H	15.2							
	CHEM. SPRAY C	15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1 2)DATA NOT SUPPLIED IN REPORTS 3)NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW						
	RADIATION R	15.2							
PHYS DWG REF: 2998G-365	AGING	15.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	15.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A 0588 CATEG.: A APPENDIX E								SYSTEM :CABLE & RACEWAY TAG :SE-03-2ACM

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2067

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : SE-03-2BCM	OPERABIL-ITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATI ON	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES									REPLACEMENT: N/A
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : 1/6/C#16 N-11006-70	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.238E8 T.I.D.	RRB15B SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 626.0 Y- 1534.0 Z- 20.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): YES									

INSTAL. REF: FV0068
QUALIF EXEMPTN: NOT APPLIC

PARA-METER	SUPPL. REVIEW
OPERABILITY	15.2
TEMPERATURE T	15.2
PRESSURE P	15.2
REL. HUMDTY H	15.2
CHEM. SPRAY C	15.2
RADIATION R	15.2
AGING	15.2
SUBMERGENCE S	15.2

SAR ENV CAT: A
O588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1) QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1
2) DATA NOT SUPPLIED IN REPORTS)NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2

QUALIF. STATUS: RETEST

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.2

REVISION # : 03
DATE : 08/30/82

SYSTEM : CABLE & RACEWAY
TAG : SE-03-2BCM

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2069

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : TE-1112CACM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.:
MAJOR : NOT APPLICABLE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	N/A SUBCOMPONENTS:
MODEL AND: 1/4/C#16 SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									3
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	2.238E8 T.I.D.	RRB15A SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 706.0 Y- 1484.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0077	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
QUALIF RETEST *STATUS*	TEMPERATURE	T 15.2							
	PRESSURE	P 15.2							
	REL. HUMDTY	H 15.2							
	CHEM. SPRAY	C 15.2							
	RADIATION	R 15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1 2)DATA NOT SUPPLIED IN REPORTS .)NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW						
PHYS DWG REF: 2998G-365	AGING	15.2							REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	SUBMERGENCE	S 15.2							
MOUNTING : NOT APPLICABLE									SYSTEM :CABLE & RACEWAY
EQ PACK # : 15.2	SAR ENV CAT: A 0588 CATEG.: A APPENDIX E								TAG :TE-1112CACM

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2070

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-1112CBCM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 / SL2-FSAR / TABLE311-1 / T365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.:
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 / SL2-FSAR / TABLE311-1 / P365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	N/A SUBCOMPONENTS:
MODEL AND SERIAL #: 1/4/C#16	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 / SL2-FSAR / TABLE311-1 / H365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE: CL.1E SAFETY CABLE CONDUCTR CONECTORS									3
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 / SL2-FSAR / TABLE311-1 / C365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	2.238E8 T.I.D.	RRB15A / SL2-FSAR / TABLE311-1 / R365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 708.0 Y- 1511.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 / SL2-FSAR / TABLE311-1 / S365	SEE REF 2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0078	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
QUALIF RETEST *STATUS*	TEMPERATURE	T 15.2							
	PRESSURE	P 15.2							
	REL. HUMDTY	H 15.2							
	CHEM. SPRAY	C 15.2							
	RADIATION	R 15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1 2)DATA NOT SUPPLIED IN REPORTS NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW						
PHYS DWG REF: 2998G-365	AGING	15.2							
PHYS DWG LOC:	SUBMERGENCE	S 15.2							REVISION # :03 DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A 10588 CATEG.: A APPENDIX E								SYSTEM :CABLE & RACEWAY TAG :TE-1112CBCM

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2071

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : TE-1112CCCM	OPERABIL-ITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATI ON	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS									ACCEL TEMP:
TYPE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	30-150F
COMPONENT: CONDUCTOR MODULES									REPLACEMENT: N/A
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : 1/4/C#16 N-11006-65	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE: CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	2.238E8 T.I.D.	RRB15A SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 707.0 Y- 1484.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): YES									
INSTAL. REF: FV0079									
QUALIF EXEMPTN: NOT APPLIC									

PARA-METER	SUPPL. REVIEW
OPERABILITY	15.2
TEMPERATURE T	15.2
PRESSURE P	15.2
REL. HUMDTY H	15.2
CHEM. SPRAY C	15.2
RADIATION R	15.2
AGING	15.2
SUBMERGENCE S	15.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1
2)DATA NOT SUPPLIED IN REPORTS
NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2

REVISION # :03
DATE :08/30/82

SYSTEM :CABLE & RACEWAY
TAG :TE-1112CCCM

QUALIF RETEST
STATUS

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.2

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2072

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : TE-1112CDCM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. / TEST & / EXTRA- / POL'N	/ / .	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM / FIG. 10 / (ACC. DBA) / 119FDESIGN	122F NORM / EXCEEDS / SL2 ACC. / FIG.10	TRB15 / SL2-FSAR / TABLE311-1 / T365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM / FIG. 9 / (ACC. DBA)	OPSIG NORM / EXCEEDS / SL2 ACC. / FIG.9	PRB15 / SL2-FSAR / TABLE311-1 / P365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL # : 1/4/C#16	RELATIVE HUMIDITY	45 TO 100% / 100% / (ACC. DBA)	100%	HRB15 / SL2-FSAR / TABLE311-1 / H365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 / PPM B. 50- / 65PPM HYDZ / PH 4.9-7.0	BORON&NAOH / PH 10.5	CRB15 / SL2-FSAR / TABLE311-1 / C365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR / A 30 D / D 1 YR / . 40YR/RW	4.5E6 1.2E6 / 5.8E7 6.2E6 / 6.8E7 7.6E6 / 7.0E5 3.0E6	2.238E8 / T.I.D.	RRB15A / SL2-FSAR / TABLE311-1 / R365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF / AUXSUP / PAM
PLANT LOC.: RB15									
COORDINATES X- 707.0 Y- 1511.0 Z- 18.0	SUBMERGED	26.0 FT / MAXIMUM / FIG. 11 / (ACC.DBA)	SEE REF 2	SRB15 / SL2-FSAR / TABLE311-1 / S365	SEE REF 2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0080	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
QUALIF RETEST *STATUS*	TEMPERATURE T	15.2							
	PRESSURE P	15.2							
	REL. HUMDTY H	15.2							
	CHEM. SPRAY C	15.2							
	RADIATION R	15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1 2)DATA NOT SUPPLIED IN REPORTS ..)NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW						
PHYS DWG REF: 2998G-365	AGING	15.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	15.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								SYSTEM :CABLE & RACEWAY
	0588 CATEG.: A								TAG :TE-1112CDCM
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: 890 MW(E) | CES#-2073

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-1112HACM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 / SL2-FSAR / TABLE311-1 / T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES									REPLACEMENT: N/A
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 / SL2-FSAR / TABLE311-1 / P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : 1/4/C#16	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 / SL2-FSAR / TABLE311-1 / H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES & SERVICE: CL.1E SAFETY CABLE CONDUCTR CONECTORS									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 / SL2-FSAR / TABLE311-1 / C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	2.238E8 T.I.D.	RRB15A / SL2-FSAR / TABLE311-1 / R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE- INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 708.0 Y- 1499.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 / SL2-FSAR / TABLE311-1 / S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0081	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC									
QUALIF RETEST *STATUS*	OPERABILITY	15.2							
	TEMPERATURE T	15.2							
	PRESSURE P	15.2							
	REL. HUMDTY H	15.2							
	CHEM. SPRAY C	15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1 2)DATA NOT SUPPLIED IN REPORTS *NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW						
	RADIATION R	15.2							
PHYS DWG REF: 2998G-365	AGING	15.2							REVISION # : 03
PHYS DWG LOC:	SUBMERGENCE S	15.2							DATE : 08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								SYSTEM : CABLE & RACEWAY
	0588 CATEG.: A								TAG : TE-1112HACM
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2074

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-1112HBCM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS -TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM / FIG. 10 / (ACC. DBA) / 119FDESIGN	122F NORM / EXCEEDS / SL2 ACC. / FIG.10	TRB15 / SL2-FSAR / TABLE311-1 / T365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.:
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM / FIG. 9 / (ACC. DBA)	OPSIG NORM / EXCEEDS / SL2 ACC. / FIG.9	PRB15 / SL2-FSAR / TABLE311-1 / P365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	N/A SUBCOMPONENTS:
MODEL AND SERIAL #: 1/4/C#16	RELATIVE HUMIDITY	45 TO 100% / 100% / (ACC. DBA)	100%	HRB15 / SL2-FSAR / TABLE311-1 / H365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS									
	CHEMICAL SPRAY	1720-2150 / PPM B. 50- / 65PPM HYDZ / PH 4.9-7.0	BORON&NAOH / PH 10.5	CRB15 / SL2-FSAR / TABLE311-1 / C365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R / A / D / .	2 HR / 30 D / 1 YR / 40YR/RW	4.5E6 1.2E6 / 5.8E7 6.2E6 / 6.8E7 7.6E6 / 7.0E5 3.0E6	2.238E8 / T.I.D.	RRB15A / SL2-FSAR / TABLE311-1 / R365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE- /INST LIFE /(PER 323- /1974 DEF.)	40 YEARS	40 YEARS	10CFR50 / PARA 50.51	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 708.0 Y- 1501.0 Z- 18.0	SUBMERGED	26.0 FT / MAXIMUM / FIG. 11 / (ACC.DBA)	SEE REF 2	SRB15 / SL2-FSAR / TABLE311-1 / S365	SEE REF 2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0082	PARA- / METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	15.2							
QUALIF RETEST	TEMPERATURE T	15.2							
STATUS	PRESSURE P	15.2							
********	REL. HUMDTY H	15.2							
*	CHEM. SPRAY C	15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1						
**********	RADIATION R	15.2							
PHYS DWG REF: 2998G-365	AGING	15.2	2)DATA NOT SUPPLIED IN REPORTS NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW						REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	SUBMERGENCE S	15.2							
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								SYSTEM :CABLE & RACEWAY
	0588 CATEG.: A								TAG :TE-1112HBCM
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: 890 MW(E) | CES#-2075

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : TE-1112HCCM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 / SL2-FSAR / TABLE311-1 / T365	DEM QUAL SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.:
	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 / SL2-FSAR / TABLE311-1 / P365	DEM QUAL SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	N/A
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : 1/4/C#16 N-11006-65	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 / SL2-FSAR / TABLE311-1 / H365	DEM QUAL SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE: CL.1E SAFETY CABLE CONDUCTR CONECTORS									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 / SL2-FSAR / TABLE311-1 / C365	DEM QUAL SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	3
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	2.238E8 T.I.D.	RRB15A / SL2-FSAR / TABLE311-1 / R365	DEM QUAL SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 710.0 Y- 1499.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 / SL2-FSAR / TABLE311-1 / S365	SEE REF 2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): YES									
INSTAL. REF: FV0083									
QUALIF EXEMPTN: NOT APPLIC									

PARA-METER	SUPPL. REVIEW
OPERABILITY	15.2
TEMPERATURE T	15.2
PRESSURE P	15.2
REL. HUMDTY H	15.2
CHEM. SPRAY C	15.2
RADIATION R	15.2
AGING	15.2
SUBMERGENCE S	15.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2

QUALIF RETEST *STATUS*

REFERENCES:
1) QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1
2) DATA NOT SUPPLIED IN REPORTS NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.2

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

REVISION # :03
DATE :08/30/82

SYSTEM :CABLE & RACEWAY
TAG :TE-1112HCCM

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2076

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : TE-1112HDCM	OPERABIL-ITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATI ON	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: 1/4/C#16	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	2.238E8 T.I.D.	RRB15A SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 710.0 Y- 1501.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0084	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	15.2							
QUALIF RETEST	TEMPERATURE T	15.2							
STATUS	PRESSURE P	15.2							
********	REL. HUMDTY H	15.2							
*	CHEM. SPRAY C	15.2							
**********	RADIATION R	15.2							
PHYS DWG REF: 2998G-365	AGING	15.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	15.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								SYSTEM :CABLE & RACEWAY
	0588 CATEG.: A								TAG :TE-1112HDCM
	APPENDIX E								

REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1
2)DATA NOT SUPPLIED IN REPORTS)NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2077

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-1115CM	OPERABIL-ITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR 1BL 3.11-2 MAX DURATI ON	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS									ACCEL TEMP:
TYPE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	30-150F
COMPONENT: CONDUCTOR MODULES									REPLACEMENT: N/A
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL #: 1/4/C#16	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	2.238E8 T.I.D.	RRB15A SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 707.0 Y- 1501.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0085	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
**********	TEMPERATURE T	15.2							
QUALIF RETEST	PRESSURE P	15.2							
STATUS	REL. HUMDTY H	15.2							
********	CHEM. SPRAY C	15.2.							
*	RADIATION R	15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1						
**********	AGING	15.2	2)DATA NOT SUPPLIED IN REPORTS -NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW						REVISION # :03
PHYS DWG REF: 2998G-365	SUBMERGENCE S	15.2							DATE :08/30/82
PHYS DWG LOC:									
MOUNTING : NOT APPLICABLE	SAR ENV CAT: A								SYSTEM :CABLE & RACEWAY
EQ PACK # : 15.2	0588 CATEG.: A								TAG :TE-1115CM
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2078

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : TE-1122CACM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS									ACCEL TEMP:
TYPE									30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM / FIG. 10 / (ACC. DBA) / 119FDESIGN	122F NORM / EXCEEDS / SL2 ACC. / FIG.10	TRB15 / SL2-FSAR / TABLE311-1 / T365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.:
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM / FIG. 9 / (ACC. DBA)	OPSIG NORM / EXCEEDS / SL2 ACC. / FIG.9	PRB15 / SL2-FSAR / TABLE311-1 / P365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	N/A
									SUBCOMPONENTS:
MODEL AND SERIAL # : 1/4/C#16	RELATIVE HUMIDITY	45 TO 100% / 100% / (ACC. DBA)	100%	HRB15 / SL2-FSAR / TABLE311-1 / H365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: CL.1E SAFETY CABLE CONDUCTR									
& SERVICE CONECTORS	CHEMICAL SPRAY	1720-2150 / PPM B. 50- / 65PPM HYDZ / PH 4.9-7.0	BORON&NAOH / PH 10.5	CRB15 / SL2-FSAR / TABLE311-1 / C365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR / A 30 D / D 1 YR / . 40YR/RW	4.5E6 1.2E6 / 5.8E7 6.2E6 / 6.8E7 7.6E6 / 7.0E5 3.0E6	2.238E8 / T.I.D.	RRB15A / SL2-FSAR / TABLE311-1 / R365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
SPECIFICATIONS:307									
P.O #:422562 CWD # : /	AGE- / INST LIFE / (PER 323- / 1974 DEF.)	40 YEARS	40 YEARS	10CFR50 / PARA 50.51	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 668.0 Y- 1518.0 Z- 18.0	SUBMERGED	26.0 FT / MAXIMUM / FIG. 11 / (ACC.DBA)	SEE REF 2	SRB15 / SL2-FSAR / TABLE311-1 / S365	SEE REF 2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0086	PARA- / METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE # .						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC									
**********	OPERABILITY	15.2							
QUALIF RETEST	TEMPERATURE T	15.2							
STATUS	PRESSURE P	15.2							
********	REL. HUMDTY H	15.2							
*	CHEM. SPRAY C	15.2							
**********	RADIATION R	15.2							
PHYS DWG REF: 2998G-365	AGING	15.2							
PHYS DWG LOC:	SUBMERGENCE S	15.2							
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								
	0588 CATEG.: A								
	APPENDIX E								

REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1
2)DATA NOT SUPPLIED IN REPORTS)NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW

REVISION # :03
DATE :08/30/82

SYSTEM :CABLE & RACEWAY
TAG :TE-1122CACM

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2079

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-1122CBCM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM / FIG. 10 / (ACC. DBA) / 119FDESIGN	122F NORM / EXCEEDS / SL2 ACC. / FIG.10	TRB15 / SL2-FSAR / TABLE311-1 / T365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM / FIG. 9 / (ACC. DBA)	OPSIG NORM / EXCEEDS / SL2 ACC. / FIG.9	PRB15 / SL2-FSAR / TABLE311-1 / P365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL # : 1/4/C#16	RELATIVE HUMIDITY	45 TO 100% / 100% / (ACC. DBA)	100%	HRB15 / SL2-FSAR / TABLE311-1 / H365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 / PPM B. 50- / 65PPM HYDZ / PH 4.9-7.0	BORON&NAOH / PH 10.5	CRB15 / SL2-FSAR / TABLE311-1 / C365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	3
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R / A / D / . 40YR/RW	2 HR 14.5E6 1.2E6 / 30 D 15.8E7 6.2E6 / 1 YR 16.8E7 7.6E6 / 17.0E5 3.0E6	2.238E8 / T.I.D.	RRB15A / SL2-FSAR / TABLE311-1 / R365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE- / INST LIFE / (PER 323- / 1974 DEF.)	40 YEARS	40 YEARS	10CFR50 / PARA 50.51	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 669.0 Y- 1488.0 Z- 18.0	SUBMERGED	26.0 FT / MAXIMUM / FIG. 11 / (ACC.DBA)	SEE REF 2	SRB15 / SL2-FSAR / TABLE311-1 / S365	SEE REF 2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: BY-FLD	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
QUALIF RETEST *STATUS*	TEMPERATURE T	15.2							
	PRESSURE P	15.2							
	REL. HUMDTY H	15.2							
	CHEM. SPRAY C	15.2							
	RADIATION R	15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1						
	AGING	15.2	2)DATA NOT SUPPLIED IN REPORTS)NEWLY RECEIVED TEST.REPORT ON SUBMERGENCE UNDER REVIEW						REVISION # : 03 DATE : 08/30/82
PHYS DWG REF: 2998G-365	SUBMERGENCE S	15.2							
PHYS DWG LOC:									SYSTEM : CABLE & RACEWAY
MOUNTING : NOT APPLICABLE	SAR ENV CAT: A								TAG : TE-1122CBCM
EQ PACK # : 15.2	0588 CATEG.: A								
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2080

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-1122CCCM	OPERABILITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATION	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	MAINTAIN.: N/A
MAJOR : NOT APPLICABLE SUPPLIER	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: 1/4/C#16 SERIAL #	R A D . 40YR/RW	2 HR 30 D 1 YR	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	2.238E8 I.T.I.D.	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: CL.1E SAFETY & SERVICE CABLE CONDUCTR CONECTORS	AGE- INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
ACCUR. SPEC: NOT APPLICABLE	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
ACCUR. DEM.: NOT APPLICABLE									
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /									
PLANT LOC.: RB15									
COORDINATES X- 667.0 Y- 1518.0 Z- 18.0									
INSTALLED (Y/N): NO									
INSTAL. REF: BY-FLD									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	15.2
TEMPERATURE T	15.2
PRESSURE P	15.2
REL. HUMDTY H	15.2
CHEM. SPRAY C	15.2
RADIATION R	15.2
AGING	15.2
SUBMERGENCE S	15.2

QUALIF RETEST
STATUS
****

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1
2)DATA NOT SUPPLIED IN REPORTS
)NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2

REVISION # :03
DATE :08/30/82

SYSTEM :CABLE & RACEWAY
TAG :TE-1122CCCM

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2081

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-1122CDCM	OPERABILITY	40 YEARS	40 YEARS	SL2-FSAR	REF 1	COMB.	/	NONE	ACCEL TIME:
		180 DAYS	>200DYS	TBL 3.11-2		TEST &			5 CYCLS
	NORM/TEST	POST DBA	POST DBA	MAX DURATI		EXTRA-			
EQUIPMENT: CONDUIT SEALS	DBA			ON		POL'N			ACCEL TEMP:
TYPE									30-150F
	TEMPERATURE	115F NORM	122F NORM	TRB15	DEM QUAL	COMB.	H	NONE	
COMPONENT: CONDUCTOR MODULES		FIG. 10	EXCEEDS	SL2-FSAR	SEE REF.1	TEST &			REPLACEMENT:
		(ACC. DBA)	SL2 ACC.	TABLE311-1		EXTRA-			N/A
		119FDESIGN	FIG.10	T365		POL'N			
MANUFACTURER: CONAX CORP									MAINTAIN.:
	PRESSURE	OPSIG NORM	OPSIG NORM	PRB15	DEM QUAL	COMB.	H	NONE	N/A
MAJOR SUPPLIER : NOT APPLICABLE		FIG. 9	EXCEEDS	SL2-FSAR	SEE REF 1	TEST &			
		(ACC. DBA)	SL2 ACC.	TABLE311-1		EXTRA-			SUBCOMPONENTS:
			FIG.9	P365		POL'N			
MODEL AND SERIAL #: 1/4/C#16	RELATIVE HUMIDITY	45 TO 100%	100%	HRB15	DEM QUAL	COMB.	/	NONE	NO UNIQUE TAGGED
		100%		SL2-FSAR	SEE REF.1	TEST &			SUBCOMPONENTS ARE
		(ACC. DBA)		TABLE311-1		EXTRA-			ENVELOPED BY THIS
FUNCT.DES: CL.1E SAFETY & SERVICE CABLE CONDUCTR CONECTORS				H365		POL'N			EQUIPMENT
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR	4.5E6 1.2E6	2.238E8	RRB15A	DEM QUAL	COMB.	H	NONE	
	A 30 D	5.8E7 6.2E6	T.I.D.	SL2-FSAR	SEE REF 1	TEST &			
	D 1 YR	6.8E7 7.6E6		TABLE311-1		EXTRA-			
	. 40YR/RW	7.0E5 3.0E6		R365		POL'N			
SPECIFICATIONS: 307									
P.O #:422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 667.0 Y- 1488.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: BY-FLD									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	15.2
TEMPERATURE T	15.2
PRESSURE P	15.2
REL. HUMDTY H	15.2
CHEM. SPRAY C	15.2
RADIATION R	15.2
AGING	15.2
SUBMERGENCE S	15.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2

REFERENCES:
1) QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1
2) DATA NOT SUPPLIED IN REPORTS)NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW

REVISION # : 03
DATE : 08/30/82

SYSTEM : CABLE & RACEWAY
TAG : TE-1122CDCM

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.2

SAR ENV CAT: A
O588 CATEG.: A
APPENDIX E

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2082

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : TE-1122HACM	OPERABIL-ITY	40 YEARS	40 YEARS	SL2-FSAR	REF 1	COMB.	/	NONE	ACCEL TIME: 5 CYCLS
	NORM/TEST DBA	180 DAYS POST DBA	>200DYS POST DBA	TBL 3.11-2 MAX DURATI ON		TEST & EXTRA- POL'N			ACCEL TEMP: 30-150F
EQUIPMENT: CONDUIT SEALS TYPE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
COMPONENT: CONDUCTOR MODULES	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: N/A
MANUFACTURER: CONAX CORP									
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS.: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND SERIAL #: 1/4/C#16	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	2.238E8 T.I.D.	RRB15A SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 667.0 Y- 1501.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: BY-FLD	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
QUALIF RETEST *STATUS*	TEMPERATURE	T 15.2							
	PRESSURE	P 15.2							
	REL. HUMDTY	H 15.2							
	CHEM. SPRAY	C 15.2							
	RADIATION	R 15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1 2)DATA NOT SUPPLIED IN REPORTS 3)NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW						
PHYS DWG REF: 2998G-365	AGING	15.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 15.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									SYSTEM :CABLE & RACEWAY
EQ PACK # : 15.2	SAR ENV CAT: A 0588 CATEG.: A APPENDIX E								TAG :TE-1122HACM

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2083

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-1122HBCM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 / SL2-FSAR / TABLE311-1 / T365	DEM QUAL SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC., FIG.9	PRB15 / SL2-FSAR / TABLE311-1 / P365	DEM QUAL SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: 1/4/C#16	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 / SL2-FSAR / TABLE311-1 / H365	DEM QUAL SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 / SL2-FSAR / TABLE311-1 / C365	DEM QUAL SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	2.238E8 T.I.D.	RRB15A / SL2-FSAR / TABLE311-1 / R365	DEM QUAL SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 667.0 Y- 1499.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 / SL2-FSAR / TABLE311-1 / S365	SEE REF 2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: BY-FLD	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
QUALIF RETEST *STATUS*	TEMPERATURE T	15.2							
	PRESSURE P	15.2							
	REL. HUMDTY H	15.2							
	CHEM. SPRAY C	15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1						
	RADIATION R	15.2							
PHYS DWG REF: 2998G-365	AGING	15.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	15.2	2)DATA NOT SUPPLIED IN REPORTS)NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW						DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								SYSTEM :CABLE & RACEWAY
	0588 CATEG.: A								TAG :TE-1122HBCM
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2084

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-1122HCCM	OPERABIL-ITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATI ON	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND: SERIAL # 1/4/C#16	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	2.238E8 T.I.D.	RRB15A SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 664.0 Y- 1501.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: BY-FLD									
QUALIF EXEMPTN: NOT APPLIC									

PARA-METER	SUPPL. REVIEW
OPERABILITY	15.2
TEMPERATURE T	15.2
PRESSURE P	15.2
REL. HUMDTY H	15.2
CHEM. SPRAY C	15.2
RADIATION R	15.2
AGING	15.2
SUBMERGENCE S	15.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.2

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

REFERENCES:
1) QUAL. BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1
2) DATA NOT SUPPLIED IN REPORTS
3) NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW

REVISION # : 03
DATE : 08/30/82

SYSTEM : CABLE & RACEWAY
TAG : TE-1122HCCM

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2085

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-1122HDCM	OPERABIL-ITY / NORM/TEST DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI ON	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG. 10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: 1/4/C#16	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES & SERVICE: CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	2.238E8 T.I.D.	RRB15A SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 664.0 Y- 1499.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: BY-FLD									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	15.2
TEMPERATURE T	15.2
PRESSURE P	15.2
REL. HUMDTY H	15.2
CHEM. SPRAY C	15.2
RADIATION R	15.2
AGING	15.2
SUBMERGENCE S	15.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1) QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1
2) DATA NOT SUPPLIED IN REPORTS
.) NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2

REVISION # : 03
DATE : 08/30/82

SYSTEM : CABLE & RACEWAY
TAG : TE-1122HDCM

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.2

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2086

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : TE-1125CM	OPERABIL-ITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATI ON	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: 1/4/C#16	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	2.238E8 T.I.D.	RRB15A SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE
ACCUR. DEM.: NOT APPLICABLE									
SPECIFICATIONS: 307	AGE- INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
P.O #: 422562 CWD # : /									
PLANT LOC.: RB15									
COORDINATES X- 667.0 Y- 1516.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: BY-FLD									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER		SUPPL. REVIEW
OPERABILITY		15.2
TEMPERATURE	T	15.2
PRESSURE	P	15.2
REL. HUMDTY	H	15.2
CHEM. SPRAY	C	15.2
RADIATION	R	15.2
AGING		15.2
SUBMERGENCE	S	15.2

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1) QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1
2) DATA NOT SUPPLIED IN REPORTS)NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2

REVISION # : 03
DATE : 08/30/82

SYSTEM : CABLE & RACEWAY
TAG : TE-1125CM

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.2

QUALIF RETEST
STATUS

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2087

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-07-3A CM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM / FIG. 10 / (ACC. DBA) / 119FDESIGN	122F NORM / EXCEEDS / SL2 ACC. / FIG.10	TRB17 / SL2-FSAR / TABLE311-1 / T367	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM / FIG. 9 / (ACC. DBA)	OPSIG NORM / EXCEEDS / SL2 ACC. / FIG.9	PRB17 / SL2-FSAR / TABLE311-1 / P367	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND SERIAL #: LATER	RELATIVE HUMIDITY	45 TO 100% / 100% / (ACC. DBA)	100%	HRB17 / SL2-FSAR / TABLE311-1 / H367	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	
FUNCT.DES: & SERVICE: CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ / PH 4.9-7.0	BORON&NAOH / PH 10.5	CRB17 / SL2-FSAR / TABLE311-1 / C367	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE	R 2 HR / A 30 D / D 1 YR / . 40YR/RW	7.4E7 5.8E6 / 1.3E8 1.4E7 / 1.6E8 1.5E7 / 7.0E5 3.1E6	2.238E8 / T.I.D.	RRB17 / SL2-FSAR / TABLE311-1 / R367	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. DEM.: NOT APPLICABLE									
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB17									
COORDINATES X- 626.0 Y- 1534.0 Z- 70.0	SUBMERGED	NO AREA FLOODING	ABOVE FLOOD LEVEL	SRB17 / SL2-FSAR / TABLE311-1 / S367	NOT APPLICABLE	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0071	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	O 15.2							
QUALIF RETEST *STATUS*	TEMPERATURE	T 15.2							
	PRESSURE	P 15.2							
	REL. HUMDTY	H 15.2							
	CHEM. SPRAY	C 15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1						
	RADIATION	R 15.2							
PHYS DWG REF: 2998G-367	AGING	15.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 15.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								SYSTEM :CABLE & RACEWAY
	0588 CATEG.: A								TAG :TE-07-3A CM
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2088

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM.	QUALIF.	DOCUMENTATION ACTUAL	DEM.	QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2		3	4		5	6	7	
TAG NO : TE-07-3B CM	OPERABIL-ITY	40 YEARS 180 DAYS	40 YEARS >200DYS		SL2-FSAR TBL 3.11-2	REF 1		COMB. TEST &	/	NONE	ACCEL TIME: 5 CYCLS
	NORM/TEST DBA	POST DBA	POST DBA		MAX DURATI ON			EXTRA- POL'N			ACCEL TEMP: 30-150F
EQUIPMENT: CONDUIT SEALS	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10		TRB17 SL2-FSAR TABLE311-1 T367	DEM QUAL SEE REF.1		COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
TYPE											
COMPONENT: CONDUCTOR MODULES											
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9		PRB17 SL2-FSAR TABLE311-1 P367	DEM QUAL SEE REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE											SUBCOMPONENTS:
MODEL AND SERIAL # : 1/4/C#16	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%		HRB17 SL2-FSAR TABLE311-1 H367	DEM QUAL SEE REF.1		COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5		CRB17 SL2-FSAR TABLE311-1 C367	DEM QUAL SEE REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	7.4E7 5.8E6 1.3E8 1.4E7 1.6E8 1.5E7 7.0E5 3.1E6	2.238E8 T.I.D.	RRB17 SL2-FSAR TABLE311-1 R367	DEM QUAL SEE REF 1		COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. DEM.: NOT APPLICABLE											
SPECIFICATIONS: 307	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS		10CFR50 PARA 50.51	DEM QUAL SEE REF 1		COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
P.O #: 422562 CWD # : /											
PLANT LOC.: RB 17											
COORDINATES X- 619.0 Y- 1485.0 Z- 70.0	SUBMERGED	NO AREA FLOODING	ABOVE FLOOD LEVEL		SRB17 SL2-FSAR TABLE311-1 S367	NOT APPLICABLE		COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO											
INSTAL. REF: FV0073											
QUALIF EXEMPTN: NOT APPLIC											

PARAMETER	SUPPL. REVIEW
OPERABILITY	15.2
TEMPERATURE T	15.2
PRESSURE P	15.2
REL. HUMDTY H	15.2
CHEM. SPRAY C	15.2
RADIATION R	15.2
AGING	15.2
SUBMERGENCE S	15.2

QUALIF STATUS: RETEST

PHYS DWG REF: 2998G-367
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.2

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2

REVISION # :03
DATE :08/30/82

SYSTEM :CABLE & RACEWAY
TAG :TE-07-3B CM

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2089

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : TE-07-5B CM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM / FIG. 10 / (ACC. DBA) / 119FDESIGN	122F NORM / EXCEEDS / SL2 ACC. / FIG.10	TRB17 / SL2-FSAR / TABLE311-1 / T367	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM / FIG. 9 / (ACC. DBA)	OPSIG NORM / EXCEEDS / SL2 ACC. / FIG.9	PRB17 / SL2-FSAR / TABLE311-1 / P367	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND SERIAL #: 1/4/C#16	RELATIVE HUMIDITY	45 TO 100% / 100% / (ACC. DBA)	100%	HRB17 / SL2-FSAR / TABLE311-1 / H367	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS									3
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	1720-2150 / PPM B. 50- / 65PPM HYDZ / PH 4.9-7.0	BORON&NAOH / PH 10.5	CRB17 / SL2-FSAR / TABLE311-1 / C367	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	R 2 HR / A 30 D / D 1 YR / . 40YR/RW	7.4E7 5.8E6 / 1.3E8 1.4E7 / 1.6E8 1.5E7 / 7.0E5 3.1E6	2.238E8 / T.I.D.	RRB17 / SL2-FSAR / TABLE311-1 / R367	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB17									
COORDINATES X- 626.0 Y- 1534.0 Z- 70.0	SUBMERGED	NO AREA FLOODING	ABOVE FLOOD LEVEL	SRB17 / SL2-FSAR / TABLE311-1 / S367	NOT APPLICABLE	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0076	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
QUALIF RETEST *STATUS*	TEMPERATURE T	15.2							
	PRESSURE P	15.2							
	REL. HUMDTY H	15.2							
	CHEM. SPRAY C	15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1						
	RADIATION R	15.2							
PHYS DWG REF: 2998G-367	AGING	15.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	15.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								SYSTEM :CABLE & RACEWAY
	0588 CATEG.: A								TAG :TE-07-5B CM
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2090

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V1460 CM	OPERABIL-ITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATI ON	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.: N/A
MAJOR : NOT APPLICABLE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: LATER SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT 3
FUNCT.DES: CL.1E SAFETY & SERVICE CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	2.238E8 T.I.D.	RRB15A SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE- INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 667.0 Y- 1516.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: BY-FLD	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
**********	TEMPERATURE T	15.2							
QUALIF RETEST	PRESSURE P	15.2							
STATUS	REL. HUMDTY H	15.2							
********	CHEM. SPRAY C	15.2							
*	RADIATION R	15.2							
**********	AGING	15.2							
PHYS DWG REF: 2998G-365	SUBMERGENCE S	15.2							REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								SYSTEM :CABLE & RACEWAY
	10588 CATEG.: A								TAG :V1460 CM
	APPENDIX E								

REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1
2)DATA NOT SUPPLIED IN REPORTS
.)NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2091

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V1461 CM	OPERABIL-ITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATI ON	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS									ACCEL TEMP:
TYPE									30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : LATER	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT 3
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	2.238E8 T.I.D.	RRB15A SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 667.0 Y- 1516.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: BY-FLD									
QUALIF EXEMPTN: NOT APPLIC									

PARA-METER	SUPPL. REVIEW
OPERABILITY	15.2
TEMPERATURE T	15.2
PRESSURE P	15.2
REL. HUMDTY H	15.2
CHEM. SPRAY C	15.2
RADIATION R	15.2
AGING	15.2
SUBMERGENCE S	15.2

FOR OUTSTANDING ITEMS SEE SL2 EQ, REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2

REFERENCES:
1) QUAL. BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1
2) DATA NOT SUPPLIED IN REPORTS)NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW

REVISION # : 03
DATE : 08/30/82

SYSTEM : CABLE & RACEWAY
TAG : V1461 CM

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.2

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2092

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V1462 CM	OPERABIL-ITY NORM/TEST	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATI ON	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE	DBA								ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.:
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	N/A SUBCOMPONENTS:
MODEL AND SERIAL #: LATER	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	3
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	2.238E8 T.I.D.	RRB15A SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 667.0 Y- 1516.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0088	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
**********	TEMPERATURE T	15.2							
QUALIF RETEST	PRESSURE P	15.2							
STATUS	REL. HUMDTY H	15.2							
********	CHEM. SPRAY C	15.2							
*	RADIATION R	15.2							
**********	AGING	15.2							
PHYS DWG REF: 2998G-365	SUBMERGENCE S	15.2							REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								SYSTEM :CABLE & RACEWAY
	0588 CATEG.: A								TAG :V1462 CM
	APPENDIX E								

REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1
2)DATA NOT SUPPLIED IN REPORTS)NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2093

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V1463 CM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX-DURATI / ON	REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 / SL2-FSAR / TABLE311-1 / T365	DEM QUAL SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 / SL2-FSAR / TABLE311-1 / P365	DEM QUAL SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL # : LATER	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 / SL2-FSAR / TABLE311-1 / H365	DEM QUAL SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS									
	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 / SL2-FSAR / TABLE311-1 / C365	DEM QUAL SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	3
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	2.238E8 T.I.D.	RRB15A / SL2-FSAR / TABLE311-1 / R365	DEM QUAL SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 667.0 Y- 1516.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 / SL2-FSAR / TABLE311-1 / S365	SEE REF 2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0089	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
**********	TEMPERATURE T	15.2							
QUALIF RETEST	PRESSURE P	15.2							
STATUS	REL. HUMDTY H	15.2							
********	CHEM. SPRAY C	15.2							
*	RADIATION R	15.2							
**********	AGING	15.2							
	SUBMERGENCE S	15.2							
PHYS DWG REF: 2998G-365			REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1 ?)DATA NOT SUPPLIED IN REPORTS .)NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW						REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								SYSTEM :CABLE & RACEWAY
	0588 CATEG.: A								TAG :V1463 CM
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2095

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : V1464 CM DELETE	OPERABIL-ITY	40 YEARS 180 DAYS	40 YEARS >200DYS	SL2-FSAR TBL 3.11-2	REF 1	COMB. TEST &	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS	NORM/TEST DBA	POST DBA	POST DBA	MAX DURATI ON		EXTRA- POL'N			ACCEL TEMP:
TYPE									30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.:
	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	N/A
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : LATER	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: CL.1E SAFETY & SERVICE CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D . 40YR/RW	2 HR 4.5E6 1.2E6 30 D 5.8E7 6.2E6 1 YR 6.8E7 7.6E6 7.0E5 3.0E6	2.238E8 T.I.D.	RRB15A SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 667.0 Y- 1516.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0090	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
QUALIF RETEST *STATUS*	TEMPERATURE	T 15.2							
	PRESSURE	P 15.2							
	REL. HUMDTY	H 15.2							
	CHEM. SPRAY	C 15.2							
	RADIATION	R 15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1 2)DATA NOT SUPPLIED IN REPORTS .)NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW						
PHYS DWG REF: 2998G-365	AGING	15.2							REVISION # :03 DATE :08/30/82
PHYS DWG LOC:	SUBMERGENCE	S 15.2							
MOUNTING : NOT APPLICABLE									SYSTEM :CABLE & RACEWAY
EQ PACK # : 15.2	SAR ENV CAT: A 10588 CATEG.: A APPENDIX E								TAG :V1464 CM

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2096

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : V1465 CM	OPERABIL-ITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATI ON	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									
MAJOR : NOT APPLICABLE SUPPLIER	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: N/A SUBCOMPONENTS:
MODEL AND: LATER SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: CL.1E SAFETY & SERVICE CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	3
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	2.238E8 T.I.D.	RRB15A SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 667.0 Y- 1516.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0092	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
QUALIF RETEST *STATUS*	TEMPERATURE T	15.2							
	PRESSURE P	15.2							
	REL. HUMDTY H	15.2							
	CHEM. SPRAY C	15.2							
	RADIATION R	15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1 2)DATA NOT SUPPLIED IN REPORTS)NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW						
PHYS DWG REF: 2998G-365	AGING	15.2							
PHYS DWG LOC:	SUBMERGENCE S	15.2							REVISION # :03 DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A 0588 CATEG.: A APPENDIX E								SYSTEM :CABLE & RACEWAY TAG :V1465 CM

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2097

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V1466 CM	OPERABILITY	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATION	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS	NORM/TEST DBA								ACCEL TEMP: 30-150F
TYPE	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	
COMPONENT: CONDUCTOR MODULES									REPLACEMENT: N/A
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : LATER	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: CL.1E SAFETY & SERVICE .CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50- 65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE	R A D . 40YR/RW	2 HR 4.5E6 1.2E6 30 D 5.8E7 6.2E6 1 YR 6.8E7 7.6E6 7.0E5 3.0E6	2.238E8 T.I.D.	RRB15A SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. DEM.: NOT APPLICABLE									
SPECIFICATIONS: 307	AGE- INST LIFE (PER 323- 1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA.50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
P.O #: 422562 CWD # : /									
PLANT LOC.: RB15									
COORDINATES X- 667.0 Y- 1516.0 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 SL2-FSAR TABLE311-1 S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO INSTAL. REF: FV0093 QUALIF EXEMPTN: NOT APPLIC	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF RETEST *STATUS*	OPERABILITY	15.2							
	TEMPERATURE T	15.2							
	PRESSURE P	15.2							
	REL. HUMDTY H	15.2							
	CHEM. SPRAY C	15.2							
	RADIATION R	15.2							
	AGING	15.2							
	SUBMERGENCE S	15.2							
PHYS DWG REF: 2998G-365 PHYS DWG LOC: MOUNTING : NOT APPLICABLE EQ PACK # : 15.2	SAR ENV CAT: A 0588 CATEG.: A APPENDIX E		REFERENCES: 1) QUAL. BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1 2) DATA NOT SUPPLIED IN REPORTS *) NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW						REVISION # : 03 DATE : 08/30/82 SYSTEM : CABLE & RACEWAY TAG : V1466 CM

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2098

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : V2515 CM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM / FIG. 10 / (ACC. DBA) / 119FDESIGN	122F NORM / EXCEEDS / SL2 ACC. / FIG.10	TRB15 / SL2-FSAR / TABLE311-1 / T365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM / FIG. 9 / (ACC. DBA)	OPSIG NORM / EXCEEDS / SL2 ACC. / FIG.9	PRB15 / SL2-FSAR / TABLE311-1 / P365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL # : 2/4/C#16 N-11006-65	RELATIVE HUMIDITY	45 TO 100% / 100% / (ACC. DBA)	100%	HRB15 / SL2-FSAR / TABLE311-1 / H365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE: CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH / PH 10.5	CRB15 / SL2-FSAR / TABLE311-1 / C365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	3
ACCUR. SPEC: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.238E8 / T.I.D.	RRB15B / SL2-FSAR / TABLE311-1 / R365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. DEM.: NOT APPLICABLE									
SPECIFICATIONS: 307	AGE- / INST LIFE / (PER 323- / 1974 DEF.)	40 YEARS	40 YEARS	10CFR50 / PARA 50.51	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
P.O #: 422562 CWD # : /									
PLANT LOC.: RB15									
COORDINATES X- 641 Y- 1540 Z- 18.0	SUBMERGED	26.0 FT / MAXIMUM / FIG. 11 / (ACC.DBA)	SEE REF 2	SRB15 / SL2-FSAR / TABLE311-1 / S365	SEE REF 2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): YES									
INSTAL. REF: FV0094									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	15.2
TEMPERATURE T	15.2
PRESSURE P	15.2
REL. HUMDTY H	15.2
CHEM. SPRAY C	15.2
RADIATION R	15.2
AGING	15.2
SUBMERGENCE S	15.2

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-365
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.2

SAR ENV CAT: A
0588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES:
1) QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1
2) DATA NOT SUPPLIED IN REPORTS
3) NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2

REVISION # : 03
DATE : 08/30/82

SYSTEM : CABLE & RACEWAY
TAG : V2515 CM

A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: 890 MW(E) | CES#-2099

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V2516 CM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 / SL2-FSAR / TABLE311-1 / T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 / SL2-FSAR / TABLE311-1 / P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS: NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
MODEL AND SERIAL #: 2/4/C#16 N-11006-65	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 / SL2-FSAR / TABLE311-1 / H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS									
ACCUR. SPEC: NOT APPLICABLE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 / SL2-FSAR / TABLE311-1 / C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 30 D 1 YR 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.238E8 T.I.D.	RRB15B / SL2-FSAR / TABLE311-1 / R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 644 Y- 1543 Z- 18.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	SEE REF 2	SRB15 / SL2-FSAR / TABLE311-1 / S365	SEE REF 2	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): YES									
INSTAL. REF: FV0095	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
QUALIF RETEST *STATUS*	TEMPERATURE	T 15.2							
	PRESSURE	P 15.2							
	REL. HUMDTY	H 15.2							
	CHEM. SPRAY	C 15.2							
	RADIATION	R 15.2							
PHYS DWG REF: 2998G-365	AGING	15.2							
PHYS DWG LOC:	SUBMERGENCE	S 15.2							
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								
	0588 CATEG.: A								
	APPENDIX E								

REFERENCES:
1) QUAL. BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1
2) DATA NOT SUPPLIED IN REPORTS
-) NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW

REVISION # : 03
DATE : 08/30/82

SYSTEM : CABLE & RACEWAY
TAG : V2516 CM

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2100

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V2524 CM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM / FIG. 10 / (ACC. DBA) / 119FDESIGN	122F NORM / EXCEEDS / SL2 ACC. / FIG.10	TRB15 / SL2-FSAR / TABLE311-1 / T365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.: N/A
MAJOR : NOT APPLICABLE SUPPLIER	PRESSURE	OPSIG NORM / FIG. 9 / (ACC. DBA)	OPSIG NORM / EXCEEDS / SL2 ACC. / FIG.9	PRB15 / SL2-FSAR / TABLE311-1 / P365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: 2/4/C#16 SERIAL # S:HV2023031	RELATIVE HUMIDITY	45 TO 100% / 100% / (ACC. DBA)	100%	HRB15 / SL2-FSAR / TABLE311-1 / H365	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: CL.1E SAFETY & SERVICE CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 / PPM B. 50- / 65PPM HYDZ / PH 4.9-7.0	BORON&NAOH / PH 10.5	CRB15 / SL2-FSAR / TABLE311-1 / C365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.0E6 3.0E5 2.9E7 2.1E6 3.5E7 2.2E6 6.0E4 2.5E5	2.238E8 T.I.D.	RRB15B / SL2-FSAR / TABLE311-1 / R365	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF / AUXSUP / PAM
PLANT LOC.: RB15									
COORDINATES X- 644 Y- 1543 Z- 18.0	SUBMERGED	26.0 FT / MAXIMUM / FIG. 11 / (ACC.DBA)	SEE REF 2	SRB15 / SL2-FSAR / TABLE311-1 / S365	SEE REF 2	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): YES									
INSTAL. REF: FV0099	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
QUALIF RETEST *STATUS*	TEMPERATURE T	15.2							
	PRESSURE P	15.2							
	REL. HUMDTY H	15.2							
	CHEM. SPRAY C	15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1						
	RADIATION R	15.2							
PHYS DWG REF: 2998G-365	AGING	15.2	2)DATA NOT SUPPLIED IN REPORTS						REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	15.2	3)NEWLY RECEIVED TEST REPORT ON SUBMERGENCE UNDER REVIEW						DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								SYSTEM :CABLE & RACEWAY
	0588 CATEG.: A								TAG :V2524 CM
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. | FACILITY: ST. LUCIE NO. 2 | NSSS: COMBUSTION ENG. - PWR | REV#- 3
UTILITY: FLORIDA POWER & LIGHT | COMPONENT EVALUATION SHEET | CAPACITY: 890 MW(E) | CES#-2101

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
TAG NO : V3571 CM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. TEST & EXTRA- POL'N	/ .	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB15 SL2-FSAR TABLE311-1 T365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB15 SL2-FSAR TABLE311-1 P365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL # : 2/4/C#16 N11006-71	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB15 SL2-FSAR TABLE311-1 H365	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB15 SL2-FSAR TABLE311-1 C365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	4.5E6 1.2E6 5.8E7 6.2E6 6.8E7 7.6E6 7.0E5 3.0E6	2.238E8 T.I.D.	RRB15A SL2-FSAR TABLE311-1 R365	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE- /INST LIFE /(PER 323- /1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB15									
COORDINATES X- 665 Y- 1505 Z- 30.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	ABOVE FLOOD LEVEL	SRB15 SL2-FSAR TABLE311-1 S365	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): YES									
INSTAL. REF: FV0100	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
QUALIF RETEST *STATUS*	TEMPERATURE	T 15.2							
	PRESSURE	P 15.2							
	REL. HUMDTY	H 15.2							
	CHEM. SPRAY	C 15.2							
	RADIATION	R 15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1						
PHYS DWG REF: 2998G-365	AGING	15.2							REVISION # : 03
PHYS DWG LOC:	SUBMERGENCE	S 15.2							DATE : 08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								SYSTEM : CABLE & RACEWAY
	0588 CATEG.: A								TAG : V3571 CM
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2102

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V3572 CM	OPERABILITY / NORM/TEST / DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATION	REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB16 SL2-FSAR TABLE311-1 T366	DEM QUAL SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB16 SL2-FSAR TABLE311-1 P366	DEM QUAL SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: 2/4/C#16 N-11006-65	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB16 SL2-FSAR TABLE311-1 H366	DEM QUAL SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB16 SL2-FSAR TABLE311-1 C366	DEM QUAL SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 12.7E6 5.2E5 30 D 14.0E7 3.2E6 1 YR 14.8E7 3.8E6 40YR/RW 13.0E4 1.5E6	2.238E8 T.I.D.	RRB16B SL2-FSAR TABLE311-1 R366	DEM QUAL SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB16									
COORDINATES X- 744 Y- 1500 Z- 50.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	ABOVE FLOOD LEVEL	SRB16 SL2-FSAR TABLE311-1 S366	NOT APPLICABLE	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): YES									
INSTAL. REF: FV0101									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	15.2
TEMPERATURE T	15.2
PRESSURE P	15.2
REL. HUMDTY H	15.2
CHEM. SPRAY C	15.2
RADIATION R	15.2
AGING	15.2
SUBMERGENCE S	15.2

QUALIF RETEST *STATUS*

PHYS DWG REF: 2998G-366
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 15.2

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2

REVISION # :03
DATE :08/30/82

SYSTEM :CABLE & RACEWAY
TAG :V3572 CM

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2106

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V6346 CM	OPERABIL-ITY /NORM/TEST /DBA	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI / ON	REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM / FIG. 10 / (ACC. DBA) / 119FDESIGN	122F NORM / EXCEEDS / SL2 ACC. / FIG.10	TRB16 / SL2-FSAR / TABLE311-1 / T366	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.:
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM / FIG. 9 / (ACC. DBA)	OPSIG NORM / EXCEEDS / SL2 ACC. / FIG.9	PRB16 / SL2-FSAR / TABLE311-1 / P366	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	N/A SUBCOMPONENTS:
MODEL AND SERIAL #: 2/4/C#16	RELATIVE HUMIDITY	45 TO 100% / 100% / (ACC. DBA)	100%	HRB16 / SL2-FSAR / TABLE311-1 / H366	DEM QUAL / SEE REF.1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 / PPM B. 50- / 65PPM HYDZ / PH 4.9-7.0	BORON&NAOH / PH 10.5	CRB16 / SL2-FSAR / TABLE311-1 / C366	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE	3
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR / 30 D / 1 YR / 40YR/RW	2.7E6 5.2E5 / 4.0E7 3.2E6 / 4.8E7 3.8E6 / 3.0E4 1.5E5	2.238E8 / T.I.D.	RRB16B / SL2-FSAR / TABLE311-1 / R366	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	H	NONE
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE- / INST LIFE / (PER 323- / 1974 DEF.)	40 YEARS	40 YEARS	10CFR50 / PARA 50.51	DEM QUAL / SEE REF 1	COMB. / TEST & / EXTRA- / POL'N	/	NONE	SAFETY FUNCTION: ESF / AUXSUP / PAM
PLANT LOC.: RB16									
COORDINATES X- 744 Y- 1500 Z- 50.0	SUBMERGED	26.0 FT / MAXIMUM / FIG. 11 / (ACC.DBA)	ABOVE / FLOOD / LEVEL	SRB16 / SL2-FSAR / TABLE311-1 / S366	NOT APPLICABLE	COMB. / TEST & / EXTRA- / POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FVO105	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
QUALIF RETEST *STATUS*	TEMPERATURE T	15.2							
	PRESSURE P	15.2							
	REL. HUMDTY H	15.2							
	CHEM. SPRAY C	15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1						
	RADIATION R	15.2							
	AGING	15.2							
PHYS DWG REF: 2998G-366	SUBMERGENCE S	15.2							REVISION # :03
PHYS DWG LOC:									DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								SYSTEM :CABLE & RACEWAY
	0588 CATEG.: A								TAG :V6346 CM
	APPENDIX E								

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2107

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : V6718 CM	OPERABILITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATI ON	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB16 SL2-FSAR TABLE311-1 T366	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB16 SL2-FSAR TABLE311-1 P366	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND SERIAL #: 2/4/C#16	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB16 SL2-FSAR. TABLE311-1 H366	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB16 SL2-FSAR TABLE311-1 C366	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	2.7E6 5.2E5 4.0E7 3.2E6 4.8E7 3.8E6 3.0E4 1.5E6	2.238E8 T.I.D.	RRB16B SL2-FSAR TABLE311-1 R366	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: ESF AUXSUP PAM
PLANT LOC.: RB16									
COORDINATES X- 744 Y- 1500 Z- 50.0	SUBMERGED	26.0 FT MAXIMUM FIG. 11 (ACC.DBA)	ABOVE FLOOD LEVEL	SRB16 SL2-FSAR TABLE311-1 S366	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0106	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
QUALIF RETEST *STATUS*	TEMPERATURE T	15.2							
	PRESSURE P	15.2							
	REL. HUMDTY H	15.2							
	CHEM. SPRAY C	15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1						
	RADIATION R	15.2							
PHYS DWG REF: 2998G-366	AGING	15.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE S	15.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								SYSTEM :CABLE & RACEWAY
	0588 CATEG.: A								TAG :V6718 CM
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2108

EQUIPMENT DESCRIPTION	PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : H2 RMB 2A CM	OPERABIL-ITY	40 YEARS / 180 DAYS / POST DBA	40 YEARS / >200DYS / POST DBA	SL2-FSAR / TBL 3.11-2 / MAX DURATI	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5·CYCLS
EQUIPMENT: CONDUIT SEALS TYPE	NORM/TEST DBA			ON					ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB17 SL2-FSAR TABLE311-1 T367	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB17 SL2-FSAR TABLE311-1 P367	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	MAINTAIN.: N/A
MAJOR SUPPLIER : NOT APPLICABLE									SUBCOMPONENTS:
MODEL AND SERIAL #: LATER	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB17 SL2-FSAR TABLE311-1 H367	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: & SERVICE CL.1E SAFETY CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB17 SL2-FSAR TABLE311-1 C367	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R A D .	2 HR 7.4E7 5.8E6 30 D 1.3E8 1.4E7 1 YR 1.6E8 1.5E7 40YR/RW 7.0E5 3.1E6	2.238E8 T.I.D.	RRB17 SL2-FSAR TABLE311-1 R367	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB17									AUXSUP
COORDINATES X- 726 Y- 1518 Z- 62.0	SUBMERGED	NO AREA FLOODING	ABOVE FLOOD LEVEL	SRB17 SL2-FSAR TABLE311-1 S367	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0049	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	15.2							
QUALIF RETEST *STATUS* ******** *	TEMPERATURE	T 15.2							
	PRESSURE	P 15.2							
	REL. HUMDTY	H 15.2							
	CHEM. SPRAY	C 15.2	REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1						
	RADIATION	R 15.2							
PHYS DWG REF: 2998G-367	AGING	15.2							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	S 15.2							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 15.2	SAR ENV CAT: A								SYSTEM :CABLE & RACEWAY
	0588 CATEG.: A								TAG :H2 RMB 2A CM
	APPENDIX E								

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO.- 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2109

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : H2 RMB 2B CM	OPERABIL-ITY NORM/TEST DBA	40 YEARS 180 DAYS POST DBA	40 YEARS >200DYS POST DBA	SL2-FSAR TBL 3.11-2 MAX DURATI ON	REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: 5 CYCLS
EQUIPMENT: CONDUIT SEALS TYPE									ACCEL TEMP: 30-150F
COMPONENT: CONDUCTOR MODULES	TEMPERAT-URE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	122F NORM EXCEEDS SL2 ACC. FIG.10	TRB17 SL2-FSAR TABLE311-1 T367	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: N/A
MANUFACTURER: CONAX CORP									MAINTAIN.:
MAJOR SUPPLIER : NOT APPLICABLE	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	OPSIG NORM EXCEEDS SL2 ACC. FIG.9	PRB17 SL2-FSAR TABLE311-1 P367	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	N/A SUBCOMPONENTS:
MODEL AND: LATER SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	100%	HRB17 SL2-FSAR TABLE311-1 H367	DEM QUAL SEE REF.1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: CL.1E SAFETY & SERVICE CABLE CONDUCTR CONECTORS	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	BORON&NAOH PH 10.5	CRB17 SL2-FSAR TABLE311-1 C367	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	7.4E7 5.8E6 1.3E8 1.4E7 1.6E8 1.5E7 7.0E5 3.1E6	2.238E8 T.I.D.	RRB17 SL2-FSAR TABLE311-1 R367	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 307									
P.O #: 422562 CWD # : /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	40 YEARS	10CFR50 PARA 50.51	DEM QUAL SEE REF 1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION:
PLANT LOC.: RB17									AUXSUP
COORDINATES X- 638 Y- 1516 Z- 62.0	SUBMERGED	NO AREA FLOODING	ABOVE FLOOD LEVEL	SRB17 SL2-FSAR TABLE311-1 S367	NOT APPLICABLE	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE: MRL<
INSTALLED (Y/N): NO									
INSTAL. REF: FV0050									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	15.2
TEMPERATURE T	15.2
PRESSURE P	15.2
REL. HUMDTY H	15.2
CHEM. SPRAY C	15.2
RADIATION R	15.2
AGING	15.2
SUBMERGENCE S	15.2

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1)QUAL.BASED ON EXCERPTS FROM REPORTS USED IN PACKAGE 15.1

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 15.2

REVISION # :03
DATE :08/30/82

SYSTEM :CABLE & RACEWAY
TAG :H2 RMB 2B CM

QUALIF RETEST *STATUS*	
PHYS DWG REF: 2998G-367	
PHYS DWG LOC:	
MOUNTING : NOT APPLICABLE	
EQ PACK # : 15.2	
SAR ENV CAT: A	
0588 CATEG.: A	
APPENDIX E	

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2110

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL	ENVIRONMENT DEM. QUALIF.	DOCUMENTATION ACTUAL	DOCUMENTATION DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : TE-07-3A	OPERABILITY NORM/TEST DBA	CONTINUOUS REF 1	UNDERGOING GENERIC QUALIFICATION	FSAR TABLE 3.11-2	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	UNDERGOING GENERIC QUALIFICATION	TRB17 SL2-FSAR TABLE311-1 T367	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	UNDERGOING GENERIC QUALIFICATION	PRB17 SL2-FSAR TABLE311-1 P367	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 2
MANUFACTURER: RDF CORP									MAINTAIN.: REF 2
MAJOR : CE SUPPLIER	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	UNDERGOING GENERIC QUALIFICATION	HRB17 SL2-FSAR TABLE311-1 H367	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	SUBCOMPONENTS: 3
MODEL AND: SERIAL #	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	UNDERGOING GENERIC QUALIFICATION	CRB17 SL2-FSAR TABLE311-1 C367	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT REF 3.HIGH CONFIDENCE EXISTS THAT INORGANIC INSULATED RTD CAN BE DEMONSTRATED QUALIFIED.
FUNCT.DES: & SERVICE CONTAINMENT TEMPERATURE	R 2 HR A 30 D D 1 YR . 40YR/RW	7.4E7 5.8E6 1.3E8 1.4E7 1.6E8 1.5E7 7.0E5 3.1E6	UNDERGOING GENERIC QUALIFICATION	RRB17 SL2-FSAR TABLE311-1 R367	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE									
SPECIFICATIONS: 303									
P.O #:071938 CWD # : 296 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	UNDERGOING GENERIC QUALIFICATION	10CFR50 PARA 50.51	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS
PLANT LOC.: RB17									
COORDINATES X- 755.0 Y- 1534 0 Z- 70.0	SUBMERGED	NOT APPLICABLE	UNDERGOING GENERIC QUALIFICATION	SRB17 SL2-FSAR TABLE311-1 S367	ICE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	PAM 3 AUTH. REFERENCE:
INSTALLED (Y/N): NO									
INSTAL. REF: FV0070									
QUALIF EXEMPTN: NOT APPLIC									

PARAMETER	SUPPL. REVIEW
OPERABILITY	39.1
TEMPERATURE T	39.1
PRESSURE P	39.1
REL. HUMDTY H	39.1
CHEM. SPRAY C	39.1
RADIATION R	39.1
AGING	39.1
SUBMERGENCE S	39.1

QUALIF RETEST
STATUS

PHYS DWG REF: 2998G-367
PHYS DWG LOC:
MOUNTING : NOT APPLICABLE
EQ PACK # : 39.1

SAR ENV CAT: A
10588 CATEG.: A
APPENDIX E

FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #

REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS.2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT

QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE:39.1

REVISION # :03
DATE :08/30/82

SYSTEM :CONTAINMENT SPRAY
TAG :TE-07-3A

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2111

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ENVIRONMENT ACTUAL (1)	ENVIRONMENT DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DOCUMENTATION DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/MI (6)	OUTS ITEMS (7)	
TAG NO : TE-07-3B	OPERABILITY NORM/TEST DBA	CONTINUOUS REF 1	UNDERGOING GENERIC QUALIFICATION	FSAR TABLE 3.11-2	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE	TEMPERATURE	115F NORM FIG. 10 (ACC. DBA) 119FDESIGN	UNDERGOING GENERIC QUALIFICATION	TRB17 SL2-FSAR TABLE311-1 T367	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	PRESSURE	OPSIG NORM FIG. 9 (ACC. DBA)	UNDERGOING GENERIC QUALIFICATION	PRB17 SL2-FSAR TABLE311-1 P367	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 2
MANUFACTURER: RDF CORP									MAINTAIN.: REF 2
MAJOR : CE SUPPLIER									SUBCOMPONENTS:
MODEL AND: SERIAL #	RELATIVE HUMIDITY	45 TO 100% 100% (ACC. DBA)	UNDERGOING GENERIC QUALIFICATION	HRB17 SL2-FSAR TABLE311-1 H367	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT REF 3. HIGH CONFIDENCE EXISTS THAT INORGANIC INSULATED RTD CAN BE DEMONSTRATED QUALIFIED.
FUNCT.DES: CONTAINMENT & SERVICE TEMPERATURE	CHEMICAL SPRAY	1720-2150 PPM B. 50-65PPM HYDZ PH 4.9-7.0	UNDERGOING GENERIC QUALIFICATION	CRB17 SL2-FSAR TABLE311-1 C367	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	7.4E7 5.8E6 1.3E8 1.4E7 1.6E8 1.5E7 7.0E5 3.1E6	UNDERGOING GENERIC QUALIFICATION	RRB17 SL2-FSAR TABLE311-1 R367	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	NOTE 1: FLD VERIFIED AT ELEV. >26 FT.
SPECIFICATIONS: 100									
P.O #: 071938 CWD # : 296 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	UNDERGOING GENERIC QUALIFICATION	10CFR50 PARA 50.51	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS PAM
PLANT LOC.: RB17									
COORDINATES X- 619.0 Y- 1485: 0 Z- 70.0	SUBMERGED	NOT APPLICABLE	UNDERGOING GENERIC QUALIFICATION	SRB17 SL2-FSAR TABLE311-1 S367	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	AUTH. REFERENCE:
INSTALLED (Y/N): NO									
INSTAL. REF: EV0072	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	39.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	39.1							
	PRESSURE P	39.1							
	REL. HUMDTY H	39.1							
	CHEM. SPRAY C	39.1							
	RADIATION R	39.1							
PHYS DWG REF: 2998G-367	AGING	39.1							
PHYS DWG LOC:	SUBMERGENCE S	39.1							
MOUNTING : CONT.									
EQ PACK # : 39.1	SAR ENV CAT: A								
	0588 CATEG.: A								
	APPENDIX E								

REFERENCES: 1. BEING EVALUATED FOR POST-TMI FUNCTIONS. 2. UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT

REVISION # : 03
DATE : 08/30/82

SYSTEM : CONTAINMENT SPRAY
TAG : TE-07-3B

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2112

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL	DEM. QUALIF.	DOCUMENTATION ACTUAL	DEM. QUALIF.	QUALIF. METHOD	H/M	OUTS ITEMS	
		1	2	3	4	5	6	7	
TAG NO : TE-07-5A	OPERABIL-ITY NORM/TEST DBA	CONTINUOUS REF 1	UNDERGOING GENERIC QUALIFICA-TION	FSAR TABLE 3.11-2	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE									ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERAT-URE	85.5F NORM FIG. C-2A 112F1200HR. 104FDESIGN	UNDERGOING GENERIC QUALIFICA-TION	TAB24A SL2-FSAR TABLE311-1 T390	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 2
MANUFACTURER: RDF CORP									MAINTAIN.: REF 2
MAJOR SUPPLIER : CE	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	UNDERGOING GENERIC QUALIFICA-TION	PAB24A SL2-FSAR TABLE311-1 P390	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: SERIAL #	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 50% DESIGN	UNDERGOING GENERIC QUALIFICA-TION	HAB24A SL2-FSAR TABLE311-1 H390	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT
FUNCT.DES: CONTAINMENT & SERVICE TEMPERATURE									REF 3.HIGH CONFIDENCE EXISTS THAT INORGANIC INSULATED RTD CAN BE DEMONSTRATED QUALIFIED.
	CHEMICAL SPRAY	NOT APPLICABLE	UNDERGOING GENERIC QUALIFICA-TION	CAB24 SL2-FSAR TABLE311-1	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	M	NONE	
ACCUR. SPEC: NOT APPLICABLE									NOTE 1: FLD VERIFIED AT ELEV. >26 FT.
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	440 1.1E5 4.6E5 5.3E5 6.6E5 7.4E5 4.0E4 5.0E5	UNDERGOING GENERIC QUALIFICA-TION	RAB24L SL2-FSAR TABLE311-1 R390	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	H	NONE	
SPECIFICATIONS: 100									
P.O #:071938 CWD # : 296 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YRS	UNDERGOING GENERIC QUALIFICA-TION	10CFR50 PARA 50.51	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS PAM
PLANT LOC.: AB24									
COORDINATES X- 595.0 Y- 1534; 0 Z- 1.0	SUBMERGED	NOT APPLICABLE	UNDERGOING GENERIC QUALIFICA-TION	SAB24 SL2-FSAR TABLE311-1	CE GENERIC PROGRAM 13172-ICE -3535 R01	COMB. TEST & EXTRA- POL'N	M	NONE	AUTH. REFERENCE:
INSTALLED (Y/N): NO									
INSTAL. REF: FV0074	PARA-METER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	39.1							
**********	TEMPERATURE T	39.1							
QUALIF RETEST	PRESSURE P	39.1							
STATUS	REL. HUMDTY H	39.1							
********	CHEM. SPRAY C	39.1							
*	RADIATION R	39.1	REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS. 2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT						
**********	AGING	39.1							
PHYS DWG REF: 2998G-390	SUBMERGENCE S	39.1							
PHYS DWG LOC:									REVISION # :03
MOUNTING : NOT APPLICABLE									DATE :08/30/82
EQ PACK # : 39.1	SAR ENV CAT: E								SYSTEM :CONTAINMENT SPRAY
	0588 CATEG.: A								TAG :TE-07-5A
	APPENDIX E								

3

3

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV#- 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION SHEET CAPACITY: 890 MW(E) CES#-2113

EQUIPMENT DESCRIPTION	ENVIRONMENT PARAMETER	ACTUAL (1)	DEM. QUALIF. (2)	DOCUMENTATION ACTUAL (3)	DEM. QUALIF. (4)	QUALIF. METHOD (5)	H/M (6)	OUTS ITEMS (7)	
TAG NO : TE-07-5B	OPERABIL-ITY /NORM/TEST /DBA	CONTINUOUS REF 1	UNDERGOING GENERIC QUALIFICATION	FSAR TABLE 3.11-2	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	ACCEL TIME: REF 2
EQUIPMENT: PRIMARY ELEMENT TYPE									ACCEL TEMP: REF 2
COMPONENT: TEMPERATURE ELEMENT	TEMPERATURE	85.5F NORM FIG. C-2A 112F1200HR 104FDESIGN	UNDERGOING GENERIC QUALIFICATION	TAB24C SL2-FSAR TABLE311-1 T390	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	REPLACEMENT: REF 2 3
MANUFACTURER: RDF CORP									MAINTAIN.: REF 2
MAJOR SUPPLIER : CE	PRESSURE	ATMOS NORM FIG. C-2B (ACC. DBA)	UNDERGOING GENERIC QUALIFICATION	PAB24C SL2-FSAR TABLE311-1 P391	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	H	NONE	SUBCOMPONENTS:
MODEL AND: SERIAL #	RELATIVE HUMIDITY	70.0% NORM 100% 24HRS 72.0%1200H 50% DESIGN	UNDERGOING GENERIC QUALIFICATION	HAB24C SL2-FSAR TABLE311-1 H390	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	NO UNIQUE TAGGED SUBCOMPONENTS ARE ENVELOPED BY THIS EQUIPMENT REF 3.HIGH CONFI-
FUNCT.DES: CONTAINMENT & SERVICE TEMPERATURE									
	CHEMICAL SPRAY	NOT APPLICABLE	UNDERGOING GENERIC QUALIFICATION	CAB24 SL2-FSAR TABLE311-1	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	M	NONE	DENCE EXISTS THAT INORGANIC INSULA TED RTD CAN BE DEMONSTRATED QUALIFIED.
ACCUR. SPEC: NOT APPLICABLE									
ACCUR. DEM.: NOT APPLICABLE	R 2 HR A 30 D D 1 YR . 40YR/RW	440 1.1E5 4.6E5 5.3E5 6.6E5 7.4E5 4.0E4 5.0E5	UNDERGOING GENERIC QUALIFICATION	RAB24L SL2-FSAR TABLE311-1 R390	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	NOTE 1: FLD VERIFIED AT ELEV. >26 FT.
SPECIFICATIONS: 100									
P.O #:071938 CWD # : 296 /	AGE-INST LIFE (PER 323-1974 DEF.)	40 YEARS	UNDERGOING GENERIC QUALIFICATION	10CFR50 PARA 50.51	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	SAFETY FUNCTION: RPS PAM
PLANT LOC.: AB24									
COORDINATES X- 599.0 Y- 1495 0 Z- 1.0	SUBMERGED	NO AREA FLOODING	UNDERGOING GENERIC QUALIFICATION	SAB24 SL2-FSAR TABLE311-1	ICE GENERIC PROGRAM 13172-ICE -3535 RO1	COMB. TEST & EXTRA- POL'N	/	NONE	3 AUTH. REFERENCE:
INSTALLED (Y/N): NO									
INSTAL. REF: FV0075	PARAMETER	SUPPL. REVIEW	FOR OUTSTANDING ITEMS SEE SL2 EQ REPORT & GUIDEBOOK VOLUME 4 -TAB 5 ITEMS SORTED BY PACKAGE #						QUALIFICATION SIGN-OFF FOUND IN DOCUMENTATION PACKAGE: 39.1
QUALIF EXEMPTN: NOT APPLIC	OPERABILITY	39.1							
QUALIF RETEST *STATUS*	TEMPERATURE T	39.1							
	PRESSURE P	39.1							
	REL. HUMDTY H	39.1							
	CHEM. SPRAY C	39.1	REFERENCES: 1.BEING EVALUATED FOR POST-TMI FUNCTIONS. 2.UNDERGOING GENERIC TEST BY CE TO ENVELOP ALL REQUIREMENTS. REF 3 UNDER SUBCOMPONENT						
	RADIATION	39.1							
PHYS DWG REF: 2998G-390	AGING	39.1							REVISION # :03
PHYS DWG LOC:	SUBMERGENCE	39.1							DATE :08/30/82
MOUNTING : NOT APPLICABLE									
EQ PACK # : 39.1	SAR ENV CAT: E								SYSTEM :CONTAINMENT SPRAY
	0588 CATEG.: A								TAG :TE-07-5B
	APPENDIX E								

ST. LUCIE UNIT NO. 2
DOCKET NO. 50-389

ENVIRONMENTAL QUALIFICATION REPORT AND GUIDEBOOK

FLORIDA POWER AND LIGHT COMPANY
VOLUME 4
INDEX & CHECKLISTS

REVISION 03
AUGUST 30, 1982

VOLUME 4

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ST.LUCIE2 ENVIRONMENTAL QUALIFICATION

LIST OF ABBREVIATIONS

ITEM	ABRV.	SOURCE	STATUS
AUXILIARY BUILDING MAIN VENTLIATION SYSTEM	ABVS	FSAR,B-271	
ALTERNATING CURRENT	AC	B-271	
ACCIDENT	ACC	CES	
ANALOG DISPLAY SYSTEM CABINET	ADS CAB	B-271	
ATMOSPHERIC DUMP VALVES	ADV	FSAR	
AUXILIARY FEEDWATER SYSTEM	AFW	FSAR	
AGITATOR	AGTR	B-271	
ALARM	ALM	B-271	
ANALYZER	ANLR	B-271	
ANNUNCIATOR	ANN	B-271	
AUXILIARY OIL PUMP	AOP	B-271	
APPENDIX	APP	CES	
AUXILIARY SPRAY	AS	FSAR	
AIR SAMPLER	ASM	B-270	
AIR SIDE SEAL OIL	ASSO	B-271	
AUXILIARY	AUX	B-271	
AUXILIARY SUPPORT FUNCTION	AUX SUP		
AVIATION LIGHTING	AVLTG	B-271	
BOX	B	B-271	
BILL OF MATERIAL	B/M	FSAR	
BORIC ACID	BA	B-271	
BORIC ACID BATCHING TANK	BABT	B-271	
BORIC ACID HEAT TRACE	BAHT	B-271	
BORIC ACID HOLDING TANK	BAHT	B-271	
BORIC ACID MAKEUP PUMP	BAMP	FSAR	
BORIC ACID MAKEUP SYSTEM	BAMS	FSAR	
BORIC ACID MAKEUP TANK	BAMT	FSAR	
BATTERY	BAT	B-271	
BORON CONTROL SYSTEM	BCS	FSAR	
BORON CONTROL SYSTEM SIGNAL	BCSS	FSAR	
BOARD	BD	B-271	
BULKHEAD	BHD	B-271	
BREAKER	BKR	B-271	
BLOWER	BLO	B-271	
BEARING OIL LIFT PUMP	BOLP	B-271	
BEARING OIL PUMP	BOP	B-271	
BEARING	BRG	B-271	
BRIDGE	BRIDGE	B-271	
BEARING TEMPERATURE PANEL	BTP	B-271	
BACKUP	BU	B-271	
BUS UNDERVOLTAGE RELAYS	BUVR	FSAR	
BYPASS	BYP	B-271	
CABINET -	CAB	B-271	
CONTAINMENT BUILDING	CB	FSAR	
CIRCUIT BREAKER	CB	B-271	
CUBICLE	CBL	B-271	
CONTROL CABINET	CC	B-271	
CONDENSER CATHODIC PROTECTION PANEL	CCPP	B-271	
CONTAINMENT COOLING SYSTEM	CCS	FSAR	
COMPONENT COOLING WATER SYSTEM	CCW	FSAR	

ST.LUCIE2 ENVIRONMENTAL QUALIFICATION

LIST OF ABBREVIATIONS

ITEM	ABRV.	SOURCE	STATUS
CONDENSER	CD	FSAR	
CONTROL ELEMENT ASSEMBLIES	CEA	FSAR	
CONTROL ELEMENT ASSEMBLY	CEA	B-271	
CONTROL ELEMENT DRIVE MECHANISM	CEDM	FSAR	
CONTROL ELEMENT DRIVE MECHANISM MOTOR-GENERATOR SET	CEDM-MG	FSAR	
CONTROL ELEMENT DRIVE MECHANISM CONTROL SYSTEM	CEDMCS	B-271	
CONDENER EVACUATION SYSTEM	CES	FSAR	
COMPONENT EVALUATION SHEET	CES	CES	
COMBUSTIBLE GAS CONTROL SYSTEM	CGS	FSAR	
COOLING WATER	CGW	B-271	
CONTAINMENT HYDROGEN ANALYZER	CHA	FSAR	
CHANGE	CHG	B-271	
CHARGING	CHGG	B-271	
CHARGER	CHGR	B-271	
CHEMICAL	CHM	B-271	
CONTAINMENT HYDROGEN RECOMBINER SYSTEM	CHRS	FSAR	
CONTAINMENT ISOLATION (PSEUDO) SYSTEM	CI	FSAR	
CONTAINMENT ISOLATION SIGNAL (CIAS)	CIS	FSAR	
CLOSED BLOWDOWN	CLBD	B-271	
COOLING	CLG	B-271	
COOLING SOURCE	CLGSC	B-271	
COOLER	CLR	B-271	
CHLORINE	CLRN	B-271	
CHLORINATION	CLRNTN	B-271	
CHLORINATOR	CLRNTR	B-271	
CEA MOTION DEMAND SIGNAL	CMDS	FSAR	
COMPRESSOR	CMPR	B-271	
CRANE	CN	B-271	
CONDENSATE	CNDS	B-271	
CONTROL	CNTL	B-271	
CONTROLLER	CNTR	B-271	
COMBINATION	COMB	CES	
COMPARTMENT	COMPT	B-271	
CONCENTRATOR	CONC	B-271	
CONDENSER	COND	B-271	
CONTACTOR	CONT	B-271	
CONVERTER	CONV	B-271	
COVER	COV	B-271	
CONTROL PANEL	CP	B-271	
CONDENSATE PUMP PIT SUMP PUMP	CPPSP	B-271	
CARD READER	CR	B-271	
CONTROL ROOM AIR CONDITIONING SYSTEM	CRACS	FSAR	
CONDUCTIVITY RECORDING	CRC	B-270	
CONTROL ROOM EMERGENCY CLEANUP SYSTEM	CRECS	FSAR	
CRANKCASE	CRKC	B-271	
CENTRAL RADIATION MONITOR CONTROL	CRMC	B-271	
CONTAINMENT SPRAY ACTUATION SIGNAL	CSAS	FSAR	
CONTAINMENT SPRAY PUMP	CSP	B-271	
CONTAINMENT SPRAY SYSTEM	CSS	FSAR	
CONDENSATE STORAGE TANK	CST	FSAR	

ST.LUCIE2 ENVIRONMENTAL QUALIFICATION

LIST OF ABBREVIATIONS

ITEM	ABRV.	SOURCE	STATUS
CONDENSATE STORAGE TANK DEGASIFIER TRANSFER PUMP	CSTDTP	B-271	
CONDENSATE STORAGE TANK DEGASIFIER VACUUM PUMP	CSTDVP	B-271	
CURRENT TRANSFORMER	CT	B-271	
CONDENSATE TRANSFER PUMP	CTP	B-271	
CONDENSATE TRANSFER SYSTEM	CTS	FSAR	
CHEMICAL AND VOLUME CONTROL SYSTEM	CVCS	FSAR	
CONSTANT VOLTAGE TRANSFORMER	CVT	B-271	
CIRCULATING WATER SYSTEM	CW	FSAR	
CONTROL WIRE DIAGRAM	CWD	CES	
CIRCULATING WATER PUMP	CWP	B-271	
CONTROL ROD WITHDRAWAL PROHIBIT SIGNAL	CWP	FSAR	
CYCLOHEXYLAMINE	CYHX	B-271	
DESIGN BASIS ACCIDENT	DBA	FSAR	
DIRECT CURRENT	DC	B-271	
DIGITAL DATA PROCESSOR	DDP	B-271	
DIGITAL ELECTRO HYDRAULIC	DEH	B-271	
DIGITAL ELECTRO-HYDRAULIC CONTROL SYSTEM	DEH	FSAR	
DELUGE VALVE	DELV	B-271	
DETECTOR	DET	B-271	
DEVICE	DEV	FSAR	
DEWATERING	DEW	B-271	
DIESEL GENERATOR	DG	B-271	
DIESEL GENERATOR SYSTEM	DG	FSAR	
DIFFUSER	DIFR	FSAR	
DIFUSER	DIFR	B-271	
DISCONNECT	DISC	B-271	
DEMINERALIZED	DMNZD	B-271	
DAMPER	DMPR	B-271	
DIESEL OIL	DO	FSAR	
DISTRIBUTION PANEL	DP	B-271	
DIFFERENTIAL PRESSURE SWITCH	DPS	B-271	
DATA PROCESSOR TELETYPE	DPT	FSAR	
DRAIN, DOOR	DR	B-271	
DRIVE	DRV	FSAR	
DRY SIPPING POOL END	DSPE	B-271	
DRAIN VALVE	DV	FSAR	
ELECTRIC PNEUMATIC	E/P		
EQUIPMENT DRAIN	ED	FSAR	
EQUIPMENT DRAIN TANK	EDT	FSAR	
ELECTO HYDRAULIC	EH	FSAR	
ELEVATOR	ELEV	FSAR	
ELEMENT	ELM	B-271	
EMERGENCY	EMER	FSAR	
ELECTRONANOMETER	EMNR	FSAR	
ENCLOSURE	ENCR	FSAR	
ENGINE	ENG		
EMERGENGY OIL PUMP	EOP		
EQUIPMENT	EQUIP		
ENGINEERED SAFEGUARD CABINET	ESC		
ENGINEERED SAFETY FUNCTION	ESF	FSAR	

ST.LUCIE2 ENVIRONMENTAL QUALIFICATION

LIST OF ABBREVIATIONS

ITEM	ABRV.	SOURCE	STATUS
ENGINEERED SAFETY FEATURES ACTUATION SYSTEM	ESFAS	FSAR	
EVACUATION	EVAC	B-271	
EVAPORATION	EVAP	FSAR	
EVAPORATOR	EVAP	FSAR	
EXCITER	EXC		
EXCITATION	EXCN	B-271	
EXTERIOR	EXT	B-271	
EXTRACTOR	EXTR	FSAR	
FUEL	F	FSAR	
FUEL HANDLING BUILDING VENTILATION SYSTEM	FBVS	FSAR	
FLOW CONTROL VALVE	FCV	FSAR	
FIRE DETECTOR	FD	FSAR	
FLOW ELEMENT	FE	FSAR	
FUEL HANDLING BUILDING	FHB	FSAR	
FUEL HANDLING MACHINE	FHM	FSAR	
FLOW INDICATING ALARM	FIA	FSAR	
FIGURE	FIG	CES	
FLOW INDICATING SWITCH	FIS	FSAR	
FLOW INDICATING TRANSMITTER	FIT	FSAR	
FLUID	FL	FSAR	
FILTER	FLT	FSAR	
FLYWHEEL	FLW	FSAR	
FAILURE MODE EFFECTS AND CRITICALITY ANALYSIS	FMECA	FSAR	
FUEL POOL,FIRE PROTECTION	FP	FSAR	
FLOW RECORDER	FR	FSAR	
FEEDWATER REGULATING SYSTEM	FRS	FSAR	
FLOW SWITCH	FS	FSAR	
FINAL SAFETY ANALYSIS REPORT	FSAR	FSAR	
FLOW SOLENOID	FSE	FSAR	
FLOW TRANSMITTER	FT	FSAR	
FAST (DEAD BUS) TRANSFER BREAKER	FTB	FSAR	
FUEL TRANSFER MACHINE	FTM	FSAR	
FIELD VERIFICATION	FV	CES	
FEEDWATER PUMP	FWP	FSAR	
GAS	G	FSAR	
GENERATOR CENTER LINE	GCL	FSAR	
GENERATOR	GEN	FSAR	
GENERATOR LOOP SEAL	GLS	FSAR	
GENERATOR LOCKOUT SIGNAL	GLS	FSAR	
GENERATOR MAIN LEADS COOLER	GMLS	FSAR	
GOVENOR	GOV	FSAR	
GROUNDING	GRD	FSAR	
GLAND SEAM CONDENSER	GSC	B-271	
GENERATOR TERMINAL BOARD	GTBD	FSAR	
GENERATOR TURBINE END	GTE	FSAR	
HATCH, HANDHOLE	H	FSAR	
HAND CONTROL VALVE	HCV	FSAR	
HEATER DRAIN PUMP	HDP	FSAR	
HYDRAZINE	HDRZN	B-271	
HIGH HIGH	HHI	FSAR	

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LIST OF ABBREVIATIONS

ITEM	ABRV.	SOURCE	STATUS
HOLDUP	HLDP	B-271	
HOIST	HO	B-271	
HOLDING	HOLD	FSAR	
HIGH PRESSURE	HP	FSAR	
HYDROGEN PURGE SYSTEM (CONTINUOUS)	HPS	FSAR	
HIGH PRESSURE SAFETY INJECTION	HPSI	FSAR	
HOT SHUTDOWN CONTROL PANEL	HSCP	B-271	
HOLDUP TANK	HT	FSAR	
HEAT TRACE	HT	B-271	
HEATING	HTG	B-271	
HEATING, VENTILATION AND AIR CONDITIONING	HVAC	FSAR	
HEATING & VENTILATION CONTROL BOARD	HVCB	B-271	
HOT WATER	HW	B-271	
HYDRAULIC	HYD	FSAR	
HYDROGEN	H2	B-270	
INSTRUMENT AIR SYSTEM	IA	FSAR	
INSTRUMENT AIR COMPRESSOR	IAC	B-271	
INSTRUMENT AIR COMPRESSOR REACTOR BUILDING	IACRB	B-271	
INSTRUMENT AIR COMPRESSOR TURBINE BUILDING	IACTB	B-271	
INSTRUMENT AIR DRYER	IAD	B-271	
INCORE INSTRUMENT PENETRATION	ICIP	B-271	
IMMERSION HEATER	IH	B-271	
INTEGRATED LEAK RATE TEST	ILRT	B-271	
INBOARD	INBD	B-271	
INCORE	INC	FSAR	
INJECTION	INJ	FSAR	
INLET	INL	FSAR	
INSTRUMENT	INST	B-271	
INTAKE;INTERIOR	INT	FSAR	
INTERLOCK	INTLK	FSAR	
INVERTER	INVRT	B-271	
INSTRUMENT RACK	IR	B-271	
IODINE REMOVAL SYSTEM	IRS	B-271	
ISOLATION	ISOL	B-271	
INTERNAL VIBRATION MONITORING	IVM	B-271	
LETDOWN CONTROL VALVE	LCV	FSAR	
LOW PRESSURE SAFETY INJECTION	LPSI	FSAR	
LOAD SEQUENCER	LS	FSAR	
LIMIT SWITCH	LS	CES	
LOW VOLTAGE POWER/CONTROL	LVP/C	CES	
MANHOLE	M	B-271	
MAKE UP	M-U	B-271	
MACHINE	MACH	B-271	
MOTOR GENERATOR	MAIN	B-271	
MAINTENANCE	MAINT	B-271	
MANUAL	MAN	B-271	
MAINTENANCE BY PASS TRANSFORMER	MBPT	B-271	
MOTOR CONTROL CENTER	MCC	B-271	
MECHANISM	MECH	B-271	
MAIN FEED ISOLATION VALVE	MFIV	FSAR	

ST.LUCIE2 ENVIRONMENTAL QUALIFICATION

LIST OF ABBREVIATIONS

ITEM	ABRV.	SOURCE	STATUS
MAIN FEEDWATER SYSTEM	MFW	FSAR	
METERING	MG	B-271	
MAIN HATCH SHIELD DOOR	MHSD	B-271	
MAIN LEADS	ML	B-271	
MAIN	MN	B-271	
MONITOR	MON	B-271	
MONITORING	MONG	B-271	
MOTOR	MOT	B-271	
MAIN STEAM SYSTEM	MS	FSAR	
MAIN STEAM BYPASS VALVE	MSBV	FSAR	
MAIN STEAM ISOLATION SIGNAL	MSIS	FSAR	
MAIN STEAM ISOLATION VALVE	MSIV	FSAR	
MAIN STEAM SAFETY VALVES	MSSV	FSAR	
MOTOR OPERATED VALVE	MV	B-271	
NOT APPLICABLE	N/A		
NATIONAL	NATL	B-271	
NEUTRAL	NEUT	B-271	
NEUTRAL GROUNDING TRANSFORMER RESISTOR 4KV	NGTR4	B-271	
NEUTRAL GROUNDING TRANSFORMER RESISTOR 7KV	NGTR7	B-271	
NEUTRAL GROUNDING TRANSFORMER 4KV	NGT4	B-271	
NEUTRAL GROUNDING TRANSFORMER 7KV	NGT7	B-271	
OUTSIDE AIR INTAKE MONITOR	OAIM	B-271	
OIL CIRCUIT BREAKER	OCB	B-271	
OUTSIDE DRUMMING STATION	ODS	B-271	
OIL LIFT PUMP	OLP	B-271	
OPERATOR'S CONSOLE	OPRC	B-271	
OIL STORAGE TANK	OST	B-271	
OUTBOARD	OTBD	B-271	
PUMP	P	B-271	
PNEUMATIC ELECTRIC	P/E	B-271	
PLANT AUXILIARY CONTROL BOARD	PACB	B-271	
PERSONNEL AIR LOCK	PAL	B-271	
POST ACCIDENT MONITORING	PAM	FSAR	
PARAGRAPH	PARA	CES	
PUSHBUTTON	PB	B-271	
FUEL POOL COOLING AND PURIFICATION SYSTEM	PCPS	FSAR	
PRESSURE CONTROL VALVE	PCV	B-271	
DIFFERENTIAL PRESSURE INDICATING SWITCH	PDIS	B-271	
DIFFERENTIAL PRESSURE NONINDICATING SWITCH	PDS	B-271	
DIFFERENTIAL PRESSURE TRANSMITTER	PDT	B-271	
PENETRATION	PENET	B-271	
PAGE	PG	CES	
PRESSURIZER HEATERS	PH	FSAR	
PHASE	PH	B-271	
PRESSURIZER HEATER	PHTR	B-271	
PRESSURE INDICATING CONTROLLER	PIC	B-271	
PRESSURE INDICATING SWITCH	PIS	B-271	
PRESSURIZER LEVEL CONTROL SYSTEM	PLCS	FSAR	
PLANT	PLT	B-271	
PANEL	PNL	B-271	

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LIST OF ABBREVIATIONS

ITEM	ABRV.	SOURCE	STATUS
PURCHASE ORDER	PO	CES	
POWER OPERATED RELIEF VALVES	PORV	FSAR	
POWER PANEL	PP	B-271	
PRESSURIZER PRESSURE CONTROL SYSTEM	PPCS	FSAR	
PAGE & PARTY LINE COMMUNICATION SYSTEM	PPLCS	B-271	
PARTS PER MILLION	PPM	CES	
PRIMARY	PRI	B-271	
PROCESSOR	PROC	B-271	
PROTECTION	PROT	B-271	
PRESSURE SWITCH	PS	B-271	
PLANT SECURITY SYSTEM	PSS	B-271	
PRESSURIZER SAFETY VALVES	PSV	FSAR	
PRESSURE TRANSMITTER,POTENTIAL TRANSFORMER	PT	B-271	
PURITY	PUR	B-271	
PURIFICATION	PURN	B-271	
PLANT VENT STACK	PVS	B-271	
PRIMARY WATER PUMP	PWP	FSAR	
POWER	PWR	B-271	
PRIMARY WATER STORAGE TANK	PWST	FSAR	
PRIMARY WATER RANK DEGASIFIER	PWTD	B-271	
PRIMARY WATER RANK DEGASIFIER TRANSFER PUMP	PWTDTP	B-271	
PRIMARY WATER RANK DEGASIFIER VACUUM PUMP	PWTDVP	B-271	
PRESSURIZER	PZR	FSAR	
QUALITY ASSURANCE	QA	CES	
QUENCH TANK	QT	FSAR	
RADIAL	RA	B-271	
REACTOR AUXILIARY BUILDING	RAB	B-271	
RADIATOR	RAD	B-271	
RECIRCULATION ACTUATION SIGNAL	RAS	FSAR	
REACTOR BUILDING	RB	B-271	
REACTOR CAVITY	RC	B-271	
REACTOR COOLANT PUMP	RCP	FSAR	
REACTOR COOLANT SYSTEM	RCS	FSAR	
RECEIVER	RCVR	B-271	
RECOVERY	RCVY	B-271	
REACTOR	REAC	B-271	
RECIRCULATING	RECIR	B-271	
RECEPTACLE	RECP	B-271	
RECTIFIER	RECT	B-271	
REFUELING	REF	B-271	
REFUELING MACHINE	REFM	B-271	
REFLASH MODULE	REFMOD	B-271	
REGULAR	REG	B-271	
REMOVABLE	REM	B-271	
REPEAT	REP	B-271	
REPORT	REPT,RPT	CES	
RESIDUAL	RESD	B-271	
REFRACTIVE INDEX CABINET	RIC	B-271	
ROOM	RM	B-271	
RECOMBINER	RMB	B-271	

ST.LUCIE2 ENVIRONMENTAL QUALIFICATION

LIST OF ABBREVIATIONS

ITEM	ABRV.	SOURCE	STATUS
REFUEL MACHINE POOL END	RMPE	B-271	
ROLLER	ROLL	B-271	
REACTOR PROTECTIVE SYSTEM	RPS	FSAR	
REACTOR PROTECTION SYSTEM	RPS	FSAR	
REACTOR REGULATING SYSTEM	RRS	FSAR	
RESERVOIR	RSVR	B-271	
RESISTANCE TEMPERATURE DETECTOR	RTD	B-271	
REACTOR TURBINE GENERATOR BOARD	RTGB	B-271	
REACTOR TRIP SIGNAL	RTS	FSAR	
REACTOR TRIP CIRCUIT BREAKER SWITCHGEAR	RTSS	FSAR	
RECIRCULATED WATER	RW	CES	
REFUELING WATER TANK	RWT	FSAR	
SERIAL NUMBER	S/N	CES	
STATION AIR COMPRESSOR	SAC	B-271	
SAFETY	SAF	FSAR	
SAMPLING	SAMP	B-271	
STEAM BYPASS CONTROL SYSTEM	SBCS	FSAR	
SHIELD BUILDING VENTILATION SYSTEM	SBVS	FSAR	
SATURABLE CORE REACTOR	SCR	B-271	
SCREEN	SCRN	B-271	
SHUTDOWN COOLING SYSTEM	SCS	FSAR	
SPRAY CHEMICAL STORAGE TANK	SCST	FSAR	
SHUTDOWN	SD	FSAR	
SOLENOID	SE	B-271	
SEQUENCE	SEQ	B-271	
SERVICE	SERV	B-271	
SPENT FUEL HANDLING MACHINE	SFHM	FSAR	
SPENT FUEL POOL	SFP	FSAR	
STEAM GENERATOR	SG	FSAR	
STEAM GENERATOR BLOWDOWN	SGBD	FSAR	
STEAM GENERATOR BLOWDOWN	SGBS	FSAR	
SURGE PROTECTION	SGPN	B-271	
SHIELD	SH	B-271	
SHUTDOWN	SHD	B-271	
SAFETY INJECTION ACTUATION SIGNAL	SIAS	FSAR	
SAFETY INJECTION SYSTEM	SIS	B-271	
SAFETY INJECTION TANK	SIT	FSAR	
SEAL LUBE PUMP	SLP	B-271	
STEM LIMIT SWITCH	SLS	B-271	
SEAL LEAK TEST UNIT	SLTU	B-271	
SUMP PUMP	SMP	B-271	
SENSOR	SN	B-271	
SEAL OIL	SO	B-271	
SOLENOID	SOL	CES	
SPECIFICATION	SPEC	CES	
SPACE HEATER	SPH	B-271	
SAFEGUARDS ROOM A	SRA	B-271	
SAFEGUARDS ROOM B	SRB	B-271	
SUPPLEMENTARY REVIEW SHEET	SRS	CES	
SAMPLING SYSTEM	SS	FSAR	

ST.LUCIE2 ENVIRONMENTAL QUALIFICATION

LIST OF ABBREVIATIONS

ITEM	ABRV.	SOURCE	STATUS
SELECTOR SWITCH	SS	B-271	
SIDE SEAL OIL	SSO	B-271	
SPEED SWITCH	SSW	B-271	
STATION	STA	B-271	
STATIC	STAT	B-271	
STORAGE	STG	B-271	
STRAINER	STNR	B-271	
STARTER	STR	B-271	
START UP	STU;ST-U	B-271	
STATIC UNINTERRUPTIBLE POWER SUPPLY	SUPS	B-271	
STARTUP TRANSFORMER	SUT	FSAR	
SOLENOID VALVE	SV	B-271	
SWITCH	SW	B-271	
SWITCHGEAR	SWGR	B-271	
SWITCHYARD	SWYD	B-271	
SYSTEM	SYS	B-271	
TERMINAL BOX	TB	B-271	
TABLE	TBL,TAB	CES	
TEMPERATURE CONTROL VALVE	TC	FSAR	
THERMOCOUPLE	TC	B-271	
TURBINE COOLING WATER PUMP	TCWP	FSAR	
PRESSURIZER SAFETY VALVES	TE	FSAR	
TEMPERATURE	TEMP	FSAR	
TERMINAL	TERM	FSAR	
TURBINE GENERATOR CONTROL SYSTEM	TGCS	FSAR	
THRUST	TH	FSAR	
THERMOSTAT	THRMS	FSAR	
TEMPERATURE INDICATING CONTROLLER	TIC	FSAR	
TOTAL INTEGRATED DOSE	TID	FSAR	
TANK	TK	FSAR	
TRANSFER MACHINE HYDRAULIC POWER UNIT	TMHPU	FSAR	
THREE MILE ISLAND	TMI	FSAR	
TRANSFER MACHINE STORAGE SIDE	TMSS	FSAR	
TEMPERATURE PANEL	TP	FSAR	
TRANSFER	TRANS	FSAR	
TRAVELLING	TRAV	FSAR	
TREATMENT	TREAT	FSAR	
TRESTLE	TRESL	FSAR	
TRANSFER SWITCH	TRS	FSAR	
TEMPERATURE SWITCH	TS	FSAR	
TURBINE TRIP SIGNAL	TTS	FSAR	
TURBINE	TURB	FSAR	
UNIT AUXILIARY TRANSFORMER	UAT	FSAR	
UNINTERRUPTIBLE POWER SUPPLY	UPS	B-271	
UNDERVOLTAGE SIGNAL	UVS	FSAR	
VALVE	V	FSAR	
VACUUM	VAC	FSAR	
VACUUM SWITCH	VAS	B-271	
VALVE BOX	VB	B-271	
VOLUME CONTROL TANK	VCT	FSAR	

ST.LUCIE2 ENVIRONMENTAL QUALIFICATION

LIST OF ABBREVIATIONS

ITEM	ABRV.	SOURCE	STATUS
VIBRATION	VIB	B-271	
VITAL	VIT	B-271	
VAPOR	VPR	B-271	
VIBRATING SWITCH	VS	B-271	
WATER,WASTE	W	B-271	
WATER CHILLER TRANSFORMER	WCT	B-271	
WASTE GAS	WG	B-271	
WASTE MANAGEMENT	WM	B-271	
WASTE MANAGEMENT LIQUID	WML	FSAR	
WASH	WSH	B-271	
TRANSFORMER	XFMR	B-271	

DOCUMENT REFERENCE
SL2-EQF-24

DOCUMENT PACKAGE DIRECTORY
(SORTED BY PACKAGE #)

PACKAGE #	MANUFACTURER	EQUIPMENT DESCRIPTION
3.1	LIMITORQUE	MOTOR OPERATED VALVES
3.2/9.2	ASCO/NAMCO	ASCO SOLENOID VALVES/NAMCO LIMIT SWITCHES
4.1	RELIANCE ELECTRIC CO	CONTAINMENT COOLING FAN MOTOR
4.2	SIEMENS-ALLIS	CONTAINMENT SPRAY PUMP MOTOR
4.3	GENERAL ELECTRIC	AUXILIARY FEEDWATER PUMP MOTOR
4.4	GENERAL ELECTRIC	HPSI PUMP MOTOR
4.5	WESTINGHOUSE	LPSI PUMP MOTOR
4.6	WESTINGHOUSE	CHARGING PUMP MOTORS
4.7	WESTINGHOUSE	SHIELD BUILDING VENTILATION FAN
4.8	WESTINGHOUSE	ECCS AREA VENTILATION SYSTEM
6.1	OKONITE CO	CABLE-MED VOLT POWER
6.2	KERITE CO	CABLE- LOW VOLT POWER, CONTROL, INSTR
6.3	ROCKBESTOS CABLE CO	CABLE-INSTR INCLUDING COAX
8.1	ROSEMOUNT	TRANSMITTERS
8.2	ITT BARTON	TRANSMITTERS
8.3	GENERAL ATOMICS	DETECTORS-RAD MONITOR SYSTEM
9.1	NAMCO CONTROLS	170 SERIES LIMIT SWITCHES
9.3	NAMCO CONTROLS	740 SERIES LIMIT SWITCHES
10.1	WATLOW	HEATERS
13.1	COMSIP DELPHI	HYDROGEN ANALYZER SYSTEM
15.1	CONAX CORP	PENETRATIONS
15.2	CONAX CORP	CONDUCTOR MODULES
16.1	RAYCHEM	HEAT SHRINK TUBING
17.1	AMERACE CORP	TERMINAL BLOCKS
20.1	SYSTEM CONTROLS/SEE SUB COMPONENTS	ISOLATION RAYLAYS
33.1	POLYWATER	CABLE PULLING LUBRICANT
33.2	BISHOP	CABLE PULLING LUBRICANT
35.1	VALCOR ENGINEERING CO	VALVES
35.6	TARGET ROCK	SOLENOID VALVES
35.8	ANCHOR/DARLING	VALVES
36.2	MAGNETROL	LEVEL SWITCHES
39.1	RDF CO	RTD'S
42.1	ITT/GENERAL CONTROLS	DAMPER OPERATORS
55.1	GOULD BROWN BOVERI	LOCAL CONTROL STATIONS
55.2	GOULD BROWN BOVERI	LOCAL MOTOR STARTERS
61.1	WESTINGHOUSE	HYDROGEN RECOMBINER
62.1	TELEDYNE	SWITCHBOARD WIRE (JUMPERS, HOOK-UPS)

DOCUMENT REFERENCE:
SL2-EQF-25

DOCUMENT PACKAGE DIRECTORY

(SORTED BY MANUFACTURER)

PACKAGE #	MANUFACTURER	EQUIPMENT DESCRIPTION
35.8	ANCHOR/DARLING	VALVES
3.2	ASCO/NAMCO	ASCO SOLENOID VALVES
33.2	BISHOP	CABLE PULLING LUBRICANT
13.1	COMSIP DELPHI	HYDROGEN ANALYZER PANEL
15.2	CONAX CORP	CONDUCTOR MODULES
15.1	CONAX CORP	PENETRATIONS-ELECTRICAL CONT
10.1	CVI CORPORATION	HEATERS
8.3	GENERAL ATOMICS	DETECTORS-RAD MONITOR SYSTEM
4.3	GENERAL ELECTRIC	AUXILIARY FEEDWATER PUMP MOTOR
4.4	GENERAL ELECTRIC	HPSI PUMP MOTOR
55.1	GOULD BROWN BOVERI	LOCAL CONTROL STATIONS & STARTERS
8.2	ITT BARTON	TRANSMITTERS
36.1	ITT BARTON	PRESSURE SWITCHES
42.1	ITT/GENERAL CONTROLS	DAMPER OPERATORS
6.2	KERITE CO	CABLE-LOW VOLT POWER, CONTROL,INSTR
3.1	LIMITORQUE	MOTOR OPERATED VALVES
9.1	NAMCO CONTROLS	170 SERIES LIMIT SWITCHES
9.3	NAMCO CONTROLS	740 SERIES LIMIT SWITCHES
9.2	NAMCO CONTROLS	180 SERIES LIMIT SWITCHES
6.1	OKONITE CO	CABLE-MED VOLT POWER
33.1	POLYWATER	CABLE PULLING LUBRICANT
16.1	RAYCHEM	HEAT SHRINK TUBING
39.1	RDF CO	RTD'S
4.1	RELIANCE ELECTRIC CO	CONTAINMENT COOLING FAN MOTOR
6.3	ROCKBESTOS CABLE CO	CABLE-INSTR INCLUDING COAX
8.1	ROSEMOUNT	TRANSMITTERS
4.2	SIEMENS-ALLIS	CONTAINMENT SPRAY PUMP MOTOR
20.1	SYSTEM CONTROLS	ISOLATION RELAYS
35.6	TARGET ROCK	SOLENOID VALVES
62.1	TELEDYNE	SWITCHBOARD WIRE(JUMPERS, HOOK-UPS)
35.1	VALCOR ENGINEERING CO	VALVES
4.6	WESTINGHOUSE	CHARGING PUMP MOTORS
4.8	WESTINGHOUSE	ECCS AREA VENTILATION SYSTEM
61.1	WESTINGHOUSE	HYDROGEN RECOMBINER
4.5	WESTINGHOUSE	LPSI PUMP MOTOR
4.7	WESTINGHOUSE	SHIELD BUILDING VENTILATION FAN

DOCUMENT REFERENCE:
SL2-EQF-25

DOCUMENT PACKAGE DIRECTORY

PACKAGE #	MANUFACTURER	EQUIPMENT DESCRIPTION
35.8	ANCHOR/DARLING	VALVES
33.2	BISHOP	CABLE PULLING LUBRICANT
13.1	COMSIP DELPHI	HYDROGEN ANALYZER PANEL
34.1	CONAX CORP.	CONDUIT SEALS
15.1	CONAX CORP.	PENETRATIONS-ELECTRICAL CONT.
10.1	CVI CORPORATION	HEATERS
8.3	GENERAL ATOMICS	DETECTORS-RAD MONITOR SYSTEM
3.2/9.2	FISHER	VALVES
4.4	GENERAL ELECTRIC	HPSI PUMP MOTOR
55.1	GOULD BROWN BOVERI	LOCAL CONTROL STATIONS & STARTERS
35.7	HENRY PRATT CO.	ASCO SOLENOID VALVES
3.2/9.2	HENRY PRATT CO.	ASCO SOLENOID VALVES
8.2	ITT BARTON	TRANSMITTERS
42.1	ITT/GENERAL CONTROLS	DAMPER OPERATORS
6.2	KERITE CO.	CABLE-LOW VOLT POWER,CONTROL,INSTR
3.1	LIMITORQUE	MOTOR OPERATED VALVES
3.1A	LIMITORQUE	MOTOR OPERATED VALVES
3.1B	LIMITORQUE	MOTOR OPERATED VALVES
3.1C	LIMITORQUE	MOTOR OPERATED VALVES
9.1	NAMCO CONTROLS	DAMPER OPERATORS 170 SERIES
9.3	NAMCO CONTROLS	HENRY PRATT VALVES 740 SERIES
9.2	NAMCO CONTROLS	WKM VALVES 180 SERIES
6.1	OKONITE CO.	CABLE-MED VOLT POWER
33.1	POLYWATER	CABLE PULLING LUBRICANT
16.1	RAYCHEM	HEAT SHRINK TUBING
39.1	RDF CO.	RTD'S
4.3	RELIANCE ELECTRIC	AUXILARY FEEDWATER PUMP MOTOR
4.1	RELIANCE ELECTRIC CO.	CONTAINMENT COOLING FAN MOTOR
6.3	ROCKBESTOS CABLE CO.	CABLE-INSTR INCLUDING COAX
8.1	ROSEMOUNT	TRANSMITTERS
4.2	SIEMENS-ALLIS	CONTAINMENT SPRAY PUMP MOTOR
20.1	SYSTEM CONTROLS	ISOLATION RELAYS
35.6	TARGET ROCK	SOLENOID VALVES
62.1	TELEDYNE	SWITCHBOARD WIRE(JUMPERS,HOOK-UPS)
35.1	VALCOR ENGINEERING CO.	VALVES
4.6	WESTINGHOUSE	CHARGING PUMP MOTORS
4.8	WESTINGHOUSE	ECCS AREA VENTILATION SYSTEM
61.1	WESTINGHOUSE	HYDROGEN RECOMBINER
4.5	WESTINGHOUSE	LPSI PUMP MOTOR
4.7	WESTINGHOUSE	SHIELD BUILDING VENTILATION FAN
3.2/9.2	WKM CO.	ASCO SOLENOID VALVES

EBASCO SERVICES INCORPORATED

PROGRAM SL2CESPRNT VERSION V0 (SL2IC)ALPHA.

USER MANUAL REVISION NUMBER = R0 DATE = 11-30-81

RUN DATE = 04/02/82

RUN TIME = 12: 4:40

DOCUM. PACKAGE #: 10.1
MANUFACTURER: WATLOW MODEL#: 1.5/30KW EQUIP. TYPE: HEATERS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
EHC-2HVE-6A1	ELECTRIC HEATING	HUMIDTY CONTRL FOR SBVS	BY FIELD	CVI CORP	AB27	595 1535 43	D	H	A	0781	03	59
EHC-2HVE-6A2	ELECTRIC HEATING	HUMIDTY CONTRL FOR SBVS	BY FIELD	CVI CORP	AB27	594 1515 43	D	H	A	2003	03	60
EHC-2HVE-6B1	ELECTRIC HEATING	HUMIDTY CONTRL FOR SBVS	BY FIELD	CVI CORP	AB27	590 1515 43	D	H	A	2004	03	61
EHC-2HVE-6B2	ELECTRIC HEATING	HUMIDTY CONTRL FOR SBVS	BY FIELD	CVI CORP	AB27	595 1535 43	D	H	A	2005	03	62

TAGS INCLUDED: EHC-2HVE-6A1 ----EHC-2HVE-6B2
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 13.1
MANUFACTURER: RELIANCE ELEC. MODEL#: 1YF882640A20NE EQUIP. TYPE: HYDROGEN ANALYZER

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
H2 ANLR SAMPLE PUMP MOTOR	SAMPLE PUMP MOTOR	H2 ANALYZER SYSTEM TO PROVIDE POST DBA H2 SAMPLING	BY FIELD	COMSIP INC.	AB25	582.0 1484.0 20.0	D	M	A	1951	03	63
H2 ANLR SYSTEM	H2 ANALYZER SYSTEM	H2 ANALYZER SYSTEM TO PROVIDE POST DBA H2 SAMPLING	BY FIELD	NOT APPLICABLE	AB25	577.0 1517.0 20.0	D	M	A	1938	03	64

TAGS INCLUDED: H2 ANLR SAMPLE ----H2 ANLR SYSTEM
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 15.1
MANUFACTURER: CONAX CORP MODEL#: 7310 SERIES EQUIP. TYPE: ELECTRICAL PENETRATIONS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	ICES #	REV #	
PENET A1	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1452.00 36.0	A	H	A	1976	03	65
PENET A2	ELECTRICAL PENETRA	POWER CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1454.00 36.0	A	H	A	1977	03	66
PENET A3	ELECTRICAL PENETRA	POWER CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1457.00 36.0	A	H	A	1978	03	67
PENET A4	ELECTRICAL PENETRA	POWER CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1460.00 36.0	A	H	A	1979	03	68
PENET A6	ELECTRICAL PENETRA	POWER CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1467.00 36.0	A	H	A	1980	03	69
PENET A7	ELECTRICAL PENETRA	POWER CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1470.00 36.0	A	H	A	1981	03	70
PENET A8	ELECTRICAL PENETRA	POWER CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1473.00 36.0	A	H	A	1982	03	71
PENET B1	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1452.00 33.0	A	H	A	1983	03	72
PENET B2	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1454.00 33.0	A	H	A	1984	03	73
PENET B3	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1457.00 33.0	A	H	A	1985	03	74
PENET B4	ELECTRICAL PENETRA	SEALED CONDUCT CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1460.00 33.0	A	H	A	1189	03	75
PENET B5	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1464.00 33.0	A	H	A	1986	03	76

TAGS INCLUDED: PENET A1 ----PENET B5
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 15.1
MANUFACTURER: CONAX CORP MODEL#: 7310 SERIES EQUIP. TYPE: ELECTRICAL PENETRATIONS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X.Y.Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
PENET B6	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1467.00 33.0	A	H	A	1987	03	77
PENET B7	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1470.00 33.0	A	H	A	1190	03	78
PENET B8	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1473.00 33.0	A	H	A	1988	03	79
PENET B9	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1477.00 33.0	A	H	A	1989	03	80
PENET C10	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1480.00 30.0	A	H	A	1968	03	81
PENET C2	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1454.00 30.0	A	H	A	1990	03	82
PENET C4	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1460.00 30.0	A	H	A	1992	03	84
PENET C5	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1464.00 30.0	A	H	A	1993	03	85
PENET C6	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1467.00 30.0	A	H	A	1994	03	86
PENET C7	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1470.00 30.0	A	H	A	1192	03	87
PENET C8	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1473.00 30.0	A	H	A	1996	03	88
PENET C9	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1477.00 30.0	A	H	A	1997	03	89

TAGS INCLUDED: PENET B6 ----PENET C9
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 15.1
MANUFACTURER: CONAX CORP MODEL#: 7310 SERIES EQUIP. TYPE: ELECTRICAL PENETRATIONS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
PENET D1	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1452.00 27.0	A	H	A	1998	03	90
PENET D2	ELECTRICAL PENETRA	LVP/C CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1454.00 27.0	A	H	A	1999	03	91
PENET D3	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1457.00 27.0	A	H	A	1193	03	92
PENET D5	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1464.00 27.0	A	H	A	1965	03	93
PENET D6	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1467.00 27.0	A	H	A	1969	03	94
PENET D7	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1470.00 27.0	A	H	A	1960	03	95
PENET D8	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1473.00 27.0	A	H	A	1959	03	96
PENET D9	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1477.00 27.0	A	H	A	1970	03	97
PENET ELEP-1	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1567.00 68.0	A	H	A	1967	03	98
PENET E1	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1452.00 24.0	A	H	A	1962	03	99
PENET E10	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1480.00 24.0	A	H	A	1964	03	100
PENET E2	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1454.00 24.0	A	H	A	1963	03	101

TAGS INCLUDED: PENET D1 ----PENET E2
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 15.1
MANUFACTURER: CONAX CORP MODEL#: 7310 SERIES EQUIP. TYPE: ELECTRICAL PENETRATIONS S

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
PENET E3	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1457O 24.0	A	H	A	1961	03	102
PENET E4	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1460.00 24.0	A	H	A	1971	03	103
PENET E5	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1464.00 24.0	A	H	A	1972	03	104
PENET E6	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1467.00 24.0	A	H	A	1194	03	105
PENET E7	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1470.00 24.0	A	H	A	1973	03	106
PENET E8	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1473.00 24.0	A	H	A	1974	03	107
PENET E9	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 1477.00 24.0	A	H	A	1975	03	108
PENET PLEP-1	ELECTRICAL PENETRA	SEALED CONDUCTORS THROUGH CONTAINMENT	BY FIELD	NOT APPLICABLE	RB15	635.00 ADJACENTO AB25	A	H	A	1966	03	109

TAGS INCLUDED: PENET E3 ----PENET PLEP-1
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 15.2
MANUFACTURER: CONAX CORP MODEL#: 2/4/C#16 EQUIP. TYPE: CONDUIT SEALS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
FCV-23-4CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	625.0 1532.0 37.0	A	H	A	2040	03	110
FCV-23-6CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	N-11006-71	NOT APPLICABLE	RB15	617.0 1501.0 20.0	A	H	A	2039	03	111
FCV-25-20CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB16	618.0 1512.0 47.0	A	H	A	2043	03	112
FCV-25-3CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	N-11006-65	NOT APPLICABLE	RB15	631.0 1540.0 33.0	A	H	A	2041	03	113
FCV-25-4CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB16	618.0 1499.0 45.0	A	H	A	2042	03	114
FCV-26-1CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	635.0 1505.0 27.0	A	H	A	2036	03	115
FCV-26-1CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	635.0 1505.0 27.0	A	H	A	2035	03	116
FCV-26-3CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	635.0 1505.0 27.0	A	H	A	2037	03	117
FCV-26-5CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	635.0 1505.0 27.0	A	H	A	2038	03	118
FSE-27-10CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	619.0 1487.0 20.0	A	H	A	2046	03	119
FSE-27-11CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	619.0 1488.0 20.0	A	H	A	2047	03	120
FSE-27-12CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	630.0 1542.0 34.0	A	H	A	2048	03	121

TAGS INCLUDED: FCV-23-4CM ----FSE-27-12CM
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 15.2
MANUFACTURER: CONAX CORP MODEL#: 1/6/C#16 EQUIP. TYPE: CONDUIT SEALS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
FSE-27-13CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	628.0 1538.0 34.0	A	H	A	2049	03	122
FSE-27-14CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	629.0 1540.0 34.0	A	H	A	2050	03	123
FSE-27-8CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	619.0 1485.0 20.0	A	H	A	2044	03	124
FSE-27-9CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	619.0 1486.0 20.0	A	H	A	2045	03	125
HCV-14-1CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	N-11006-65	NOT APPLICABLE	RB15	633.0 1492.0 20.0	A	H	A	2051	03	126
HCV-14-2CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	633.0 1493.0 20.0	A	H	A	2052	03	127
HCV-3618CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	N-11006-71	NOT APPLICABLE	RB16	729.0 1465.0 46.0	A	H	A	2053	03	128
HCV-3628CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	N-11006-65	NOT APPLICABLE	RB16	741.0 1507.0 45.0	A	H	A	2054	03	129
HCV-3638CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	N-11006-71	NOT APPLICABLE	RB16	639.0 1524.0 45.0	A	H	A	2055	03	130
HCV-3648CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	N-11006-65	NOT APPLICABLE	RB16	642.0 1496.0 45.0	A	H	A	2056	03	131
H2 RMB 2A CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB17	726 1518 62.0	A	H	A	2108	03	132
H2 RMB 2B CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB17	638 1516 62.0	A	H	A	2109	03	133

TAGS INCLUDED: FSE-27-13CM ----H2 RMB 2B CM
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 15.2
MANUFACTURER: CONAX CORP MODEL#: 2/4/C#16 EQUIP. TYPE: CONDUIT SEALS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
LCV-07-11ACM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	619.0 1517.0 18.0	A	H	A	2057	03	134
SE-02-1CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	IN-11006-71	NOT APPLICABLE	RB15	650.0 1549.0 18.0	A	H	A	2058	03	135
SE-02-2CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	IN-11006-65	NOT APPLICABLE	RB15	648.0 1547.0 18.0	A	H	A	2059	03	136
SE-02-3CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	IN-11006-65	NOT APPLICABLE	RB15	652.0 1551.0 18.0	A	H	A	2060	03	137
SE-02-4CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	IN-11006-65	NOT APPLICABLE	RB15	651.0 1550.0 18.0	A	H	A	2061	03	138
SE-03-1ACM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	IN-11006-70	NOT APPLICABLE	RB16	617.0 1505.0 27.0	A	H	A	2062	03	139
SE-03-1BCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	IN-11006-70	NOT APPLICABLE	RB16	747.0 1471.0 45.0	A	H	A	2063	03	140
SE-03-1CCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	IN-11006-70	NOT APPLICABLE	RB16	631.0 1528.0 46.0	A	H	A	2064	03	141
SE-03-1DCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	IN-11006-70	NOT APPLICABLE	RB16	624.0 1514.0 46.0	A	H	A	2065	03	142
SE-03-2ACM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	IN-11006-70	NOT APPLICABLE	RB15	626.0 1464.0 18.0	A	H	A	2066	03	143
SE-03-2BCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	IN-11006-70	NOT APPLICABLE	RB15	626.0 1534.0 20.0	A	H	A	2067	03	144
TE-07-3A CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	626.0 1534.0 70.0	A	H	A	2087	03	145

TAGS INCLUDED: LCV-07-11ACM ----TE-07-3A CM
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 15.2
MANUFACTURER: CONAX CORP MODEL#: 1/4/C#16 EQUIP. TYPE: CONDUIT SEALS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
TE-07-3B CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	619.0 1485.0 70.0	A	H	A	2088	03	146
TE-07-5B CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE		626.0 1534.0 70.0	A	H	A	2089	03	147
TE-1112CACM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	706.0 1484.0 18.0	A	H	A	2069	03	148
TE-1112CBCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	708.0 1511.0 18.0	A	H	A	2070	03	149
TE-1112CCCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	IN-11006-65	NOT APPLICABLE	RB15	707.0 1484.0 18.0	A	H	A	2071	03	150
TE-1112CDCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	707.0 1511.0 18.0	A	H	A	2072	03	151
TE-1112HACM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	708.0 1499.0 18.0	A	H	A	2073	03	152
TE-1112HBCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	708.0 1501.0 18.0	A	H	A	2074	03	153
TE-1112HCCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	IN-11006-65	NOT APPLICABLE	RB15	710.0 1499.0 18.0	A	H	A	2075	03	154
TE-1112HDCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	710.0 1501.0 18.0	A	H	A	2076	03	155
TE-1115CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	707.0 1501.0 18.0	A	H	A	2077	03	156
TE-1122CACM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	668.0 1518.0 18.0	A	H	A	2078	03	157

TAGS INCLUDED: TE-07-3B CM ----TE-1122CACM
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 15.2
MANUFACTURER: CONAX CORP MODEL#: 1/4/C#16 EQUIP. TYPE: CONDUIT SEALS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
TE-1122CBCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	669.0 1488.0 18.0	A	H	A	2079	03	158
TE-1122CCCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	667.0 1518.0 18.0	A	H	A	2080	03	159
TE-1122CDCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	667.0 1488.0 18.0	A	H	A	2081	03	160
TE-1122HACM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	667.0 1501.0 18.0	A	H	A	2082	03	161
TE-1122HBCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	667.0 1499.0 18.0	A	H	A	2083	03	162
TE-1122HCCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	664.0 1501.0 18.0	A	H	A	2084	03	163
TE-1122HDCM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	664.0 1499.0 18.0	A	H	A	2085	03	164
TE-1125CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	667.0 1516.0 18.0	A	H	A	2086	03	165
V1460 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	667.0 1516.0 18.0	A	H	A	2090	03	166
V1461 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	667.0 1516.0 18.0	A	H	A	2091	03	167
V1462 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	667.0 1516.0 18.0	A	H	A	2092	03	168
V1463 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	667.0 1516.0 18.0	A	H	A	2093	03	169

TAGS INCLUDED: TE-1122CBCM ----V1463 CM
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 15.2
MANUFACTURER: CONAX CORP MODEL#: LATER EQUIP. TYPE: CONDUIT SEALS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
V1464 CM DELETE	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	667.0 1516.0 18.0	A	H	A	2095	03	170
V1465 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	667.0 1516.0 18.0	A	H	A	2096	03	171
V1466 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB15	667.0 1516.0 18.0	A	H	A	2097	03	172
V2515 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	IN-11006-65	NOT APPLICABLE	RB15	641 1540 18.0	A	H	A	2098	03	173
V2516 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	IN-11006-65	NOT APPLICABLE	RB15	644 1543 18.0	A	H	A	2099	03	174
V2524 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	S:HV2023031	NOT APPLICABLE	RB15	644 1543 18.0	A	H	A	2100	03	175
V3571 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	IN11006-71	NOT APPLICABLE	RB15	665 1505 30.0	A	H	A	2101	03	176
V3572 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	IN-11006-65	NOT APPLICABLE	RB16	744 1500 50.0	A	H	A	2102	03	177
V6346 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB16	744 1500 50.0	A	H	A	2106	03	178
V6718 CM	CONDUCTOR MODULES	CL.1E SAFETY CABLE CONDUCTR CONECTORS	BY FIELD	NOT APPLICABLE	RB16	744 1500 50.0	A	H	A	2107	03	179

TAGS INCLUDED: V1464 CM ----V6718 CM
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 16.1
MANUFACTURER: RAYCHEM MODEL#: WCSF-N EQUIP. TYPE: SPLICES

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNC. CATEG.	ICES #	REV #	
WCSF-N SERIES	HEAT SHRINK TUBING	PROVIDE QUALIFIED SPLICES THROUGHOUT PLANT	BY FIELD	NOT APPLICABLE	RB15	636 1537 21.0	A H	A	1937	03	180

TAGS INCLUDED: WCSF-N SERIES ----WCSF-N SERIES
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 17.1
MANUFACTURER: AMERACE CORP MODEL#: 616822(SERIES) EQUIP. TYPE: TERMINAL BLOCKS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNC. CATEG.	CES #	REV #	
QUALIFIED TERMINAL BLOCKS	TERMINAL BLOCKS	TERMINATORS FOR CONTROL/ INSTR OUTSIDE CONTAINMENT	NQB112	NOT APPLICABLE	TB23	674.0 1389.0 45.0	K H	A	0145	03	181

TAGS INCLUDED: QUALIFIED ----QUALIFIED
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 20.1
MANUFACTURER: SEE SUBCOMPON- ENTS MODEL#: SEE SUBCOMPON- EQUIP. TYPE: ELECTRICAL BOX

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	ICES #	REV #	
B2G30	INTERLOCKIN G RELAY	MISCELLANEOUS CONTROL INTER- LOCKS FOR CHRG PUMPS	ENTS	SYSTEMS CON TROL	AB24	544.0 1551.0 5.0	D	H	A	0121	03	182
B2G31	INTERLOCKIN G RELAY	MISC. CONTROL INTERLOCKS FOR CHARGING PUMPS.	SUBCOMPONEN	SYSTEMS CONTROL	AB24	567.0 1562.0 5.0	D	H	A	0122	03	183
B2G32	INTERLOCKIN G RELAY	MISC. CONTROL INTERLOCKS FOR CHARGING PUMPS	SUBCOMPONEN	SYSTEMS CONTROL	AB24	572.0 1550.0 5.0	D	H	A	0123	03	184
HCV-09-1A REL P NL	INTERLOCKIN G RELAYS	INTERLOCKING RLAYS FOR MSIS ISOLATION	SUBCOMPONEN	SYSTEMS CONTROL	TB23	740.0 1414.0 45.0	K	H	A	1947	03	185
HCV-09-1B REL P NL	INTERLOCKIN G RELAYS	INTERLOCKING RELAYS FOR MSIS ISOLATION	SUBCOMPONEN	SYSTEMS CONTROL	TB23	739.0 1400.0 45.0	K	H	A	1948	03	186
HCV-09-2A REL P NL	INTERLOCKIN G RELAYS	INTERLOCKING RELAYS FOR MSIS ISOLATION	SUBCOMPONEN	SYSTEMS CONTROL	TB23	637.0 1402.0 45.0	K	M	A	1949	03	187
HCV-09-2B REL P NL	INTERLOCKIN G RELAYS	INTERLOCKING RELAYS FOR MSIS ISOLATION	SUBCOMPONEN	SYSTEMS CONTROL	TB23	619.0 1387.0 45.0	K	M	A	1950	03	188

TAGS INCLUDED: B2G30 ----HCV-09-2B REL P
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 3.1
MANUFACTURER: LIMITORQUE MODEL#: EQUIP. TYPE: VALVES

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
FCV-25-11		SBVS ISOLATION	BY FIELD	NOT APPLICABLE	AB27	606.0 1537.0 47.0	D	H	A	0430	03	189
FCV-25-12		SBVS ISOLATION	BY FIELD	NOT APPLICABLE	AB27	602.0 1518.0 43.0	D	H	A	0432	03	190
FCV-25-13		LATER	BY FIELD	NOT APPLICABLE	AB27	586.0 1531.0 43.0	D	H	A	0434	03	191
FCV-25-29		H2 CONT PURGE OPEN(RM)	BY FIELD	NOT APPLICABLE	AB27	611.0 1521.0 47.0	D	H	A	0448	03	192
FCV-25-30		SFP EXHAUST CLOSE(CIAS)	BY FIELD	NOT APPLICABLE	AB27	609.0 1532.0 47.0	D	H	A	0451	03	193
FCV-25-31		SFP EXHAUST CLOSE(CIAS)	BY FIELD	NOT APPLICABLE	AB27	604.0 1515.0 47.0	D	H	A	0453	03	194
FCV-25-32		SBVS INLET OPEN(CIAS)	BY FIELD	NOT APPLICABLE	AB27	612.0 1527.0 47.0	D	H	A	0455	03	195
FCV-25-33		SBVS INLET OPEN(CIAS)	BY FIELD	NOT APPLICABLE	AB27	608.0 1511.0 47.0	D	H	A	0457	03	196
FCV-25-34		H2 CONT PURGE OPEN(RM)	BY FIELD	NOT APPLICABLE	AB27	612.0 1523.0 47.0	D	H	A	0459	03	197
FCV-3301	MOTOR OPERATED VALVE	LPSI DISCHARGE MOD SDC FLOW	293491	JAMESBURY	AB24	555.0 1465.0 5.0	D	H	A	0472	03	198
FCV-3306	MOTOR OPERATED VALVE	LPSI DISCHARGE MOD SDC FLOW	293490	JAMESBURY	AB24	575.0 1479.0 5.0	D	H	A	0474	03	199
HCV-3512	MOTOR OPERATED VALVE	SDC-HX OUTLET OPEN(R-M)	289732	JAMESBURY	AB24	560.0 1465.0 5.0	D	H	A	0760	03	200

TAGS INCLUDED: FCV-25-11 ----HCV-3512
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 3.1
MANUFACTURER: LIMITORQUE CORPORATION MODEL#: SMB-1/ EQUIP. TYPE: VALVE OPERATORS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X.Y.Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
HCV-3615	MOTOR OPERATED VALVE	L.P.HEADER OPEN(SIAS)	157825	TARGET ROCK	AB24	593.0 1495.0 6.0	D	H	A	0788	03	201
HCV-3617	MOTOR OPERATED VALVE	HPSI HEADER OPEN(SIAS)	BY FIELD	TARGET ROCK	AB24	593. 1504. 6.0	D	H	A	0790	03	202
HCV-3625	MOTOR OPERATED VALVE	L.P.HEADER OPEN(SIAS)	L57827	TARGET ROCK	AB24	593. 1499. 6.0	D	H	A	0791	03	203
HCV-3626	MOTOR OPERATED VALVE	HPSI HEADER OPEN(SIAS)	BY FIELD	TARGET ROCK	AB24	567. 1517. 6.0	D	H	A	0792	03	204
HCV-3627	MOTOR OPERATED VALVE	HPSI HEADER OPEN(SIAS)	BY FIELD	TARGET ROCK	AB24	593. 1506. 6.0	D	H	A	0793	03	205
HCV-3635	MOTOR OPERATED VALVES	L.P.HEADER OPEN(SIAS)	42119	TARGET ROCK	AB24	550.0 1485.0 6.0	D	H	A	0770	03	206
HCV-3636	MOTOR OPERATED VALVES	LATER	BY FIELD	TARGET ROCK	AB24	546.0 1509.0 6.0	D	H	A	0771	03	207
HCV-3636 DELETE	MOTOR OPERATED VALVE	HPSI HEADER OPEN(SIAS)	BY FIELD	NOT APPLICABLE					A	0795	03	208
HCV-3637	MOTOR OPERATED VALVES	LATER	FZ31120	TARGET ROCK	AB24	574.0 1505.0 6.0	D	H	A	0772	03	209
HCV-3637 DELETE	MOTOR OPERATED VALVE	HPSI HEADER OPEN(SIAS)	BY FIELD	NOT APPLICABLE					A	0796	03	210
HCV-3645	MOTOR OPERATED VALVE	L.P.HEADER OPEN(SIAS)	BY FIELD	TARGET ROCK	AB24	549. 1426. 6.0	E	M	A	0797	03	211
HCV-3646	MOTOR OPERATED VALVES	LATER	708420-XC	TARGET ROCK	AB24	546.0 1511.0 6.0	D	H	A	0775	03	212

TAGS INCLUDED: HCV-3615 ----HCV-3646
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 3.1
MANUFACTURER: LIMITORQUE CORPORATION MODEL#: EQUIP. TYPE: VALVE OPERATORS M

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
HCV-3646	MOTOR OPERATED VALVE	HPSI HEADER OPEN(SIAS)	BY FIELD	NOT APPLICABLE					A	0798	03	213
HCV-3647	MOTOR OPERATED VALVES	LTR	BY FIELD	TARGET ROCK	AB24	574.0 1507.0 6.0	D	H	A	0776	03	214
HCV-3657	MOTOR OPERATED VALVES	SDC-HX OUTLET OPEN(R-M)	BY FIELD	JAMESBURY	AB24	575.0 1471.0 5.0	D	H	A	0778	03	215
MV-07-2A	MOTOR OPERATED VALVES	SUMP ISOL OPEN(RAS)	BY FIELD	HENRY PRATT	AB25	605.0 1507.0 20.0	D	H	A	1019	03	216
MV-07-2B	MOTOR OPERATED VALVES	SUMP ISOL OPEN(RAS)	BY FIELD	HENRY PRATT	AB25	605.0 1492.0 20.0	D	H	A	1021	03	217
MV-08-1A	MOTOR OPERATED VALVES	MSIV BYPASS	BY FIELD	ROCKWELL	TB23	734.0 1391.0 46.0	K	H	A	1023	03	218
MV-08-1B	MOTOR OPERATED VALVES	MSIV BYPASS	BY FIELD	ROCKWELL	TB23	690.0 1383.0 46.0	K	H	A	1025	03	219
MV-08-12	MOTOR OPERATED VALVE	AUX TURB. SPLY OPEN(M)	S/N 279050	PACIFIC	TB23	690.0 1413.0 28.0	K	H	A	1027	03	220
MV-08-13	MOTOR OPERATED VALVE	AUX TURB. SPLY OPEN(M)	B/M-C10-2B	PACIFIC	TB23	725.0 1416.0 28.0	K	H	A	1029	03	221
MV-08-14	MOTOR OPERATED VALVE(D	ADV BLOCK CLOSE(M)	BY FIELD	ANCHOR DARLING	TB23	721.0 1415.0 48.0	K	H	A	1031	03	222
MV-08-15	MOTOR OPERATED VALVE(D	ADV BLOCK CLOSE(M) ATMOS DUMP VALVES	BY FIELD	ANCHOR/DARLING	TB23	716.0 1413.0 48.0	K	H	A	1034	03	223
MV-08-16	MOTOR OPERATED VALVE(D	ADV BLOCK CLOSE(M)	BY FIELD	ANCHOR DARLING	TB23	690.0 1408.0 48.0	K	H	A	1037	03	224

TAGS INCLUDED: HCV-3646 ----MV-08-16
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 3.1
MANUFACTURER: LIMITORQUE CORPORATION MODEL#: DK56H/NJ20553 EQUIP. TYPE: VALVE OPERATORS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
MV-08-17	MOTOR OPERATED VALVE(D	ADV BLOCK CLOSE(M)	BY FIELD	ANCHOR DARLING	TB23	694.0 1408.0 48.0	K	H	A	1039	03	225
MV-08-18A	MOTOR OPERATED VALVE	ADV OPEN(M)	339982	CCI	TB23	724.0 1416.0 48.0	K	H	A	1041	03	226
MV-08-18B	MOTOR OPERATED VALVE	ADV OPEN(M)	3399-79	CCI	TB23	685.0 1408.0 48.0	K	H	A	1042	03	227
MV-08-19A	MOTOR OPERATED VALVE	ADV OPEN(M)	33998	CCI	TB23	713.0 1412.0 48.0	K	H	A	1043	03	228
MV-08-19B	MOTOR OPERATED VALVE	ADV OPEN(M)	255-89-1-4	CCI	TB23	698.0 1408.0 48.0	K	H	A	1045	03	229
MV-08-3	MOTOR OPERATED VALVE	AUX TURB. STOP OPEN(M)	BY FIELD	GIMBEL MACHINE	TB23		K	H	A	1047	03	230
MV-09-10	MOTOR OPERATED VALVES	AUX FW 2B DISCHARGE VALVE	117490	WKM CORP	TB23	675.0 1397.0 46.0	K	H	A	1049	03	231
MV-09-11	MOTOR OPERATED VALVES	AUX FW 2C DISCHARGE VALVE	S/N-293524	WKM	TB23	738.0 1407.0 46.0	K	H	A	1051	03	232
MV-09-12	MOTOR OPERATED VALVES	AUX FW 2C DISCHARGE VALVE	117488	WKM	TB23	679.0 1398.0 46.0	K	H	A	1053	03	233
MV-09-13	MOTOR OPERATED VALVES	AUX FW 2C DISCHARGE VALVE	D003809	PACIFIC	TB23	685.0 1384.0 34.0	K	H	A	1055	03	234
MV-09-14	MOTOR OPERATED VALVES	AUX FD INTRTIE OPEN(M)	S/N-D003808	PACIFIC	TB23	677.0 1393.0 35.0	K	H	A	1057	03	235
MV-09-9	MOTOR OPERATED VALVES	AUX FD ISOL OPEN(M)	BY FIELD	WKM	TB23	742.0 1405.0 46.0	K	H	A	1060	03	236

TAGS INCLUDED: MV-08-17 ----MV-09-9
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 3.1
MANUFACTURER: LIMITORQUE CORP MODEL#: LO-SMB-000-2 EQUIP. TYPE: VALVE OPERATORS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
MV-14-10	MOTOR OPERATED VALVES	FAN COOLR ISOL OPENS	S/N-245645	HENRY PRATT	AB25	605.0 1511.0 25.0	D	H	A	1064	03	237
MV-14-11	MOTOR OPERATED VALVES	FAN COOLR ISOL OPENS	845638	HENRY PRATT	AB25	609.0 1522.0 25.0	D	H	A	1066	03	238
MV-14-12	MOTOR OPERATED VALVES	FAN COOLR ISOL OPENS	S/N-245647	HENRY PRATT	AB25	607.0 1517.0 25.0	D	H	A	1068	03	239
MV-14-13	MOTOR OPERATED VALVES	FAN COOLR ISOL OPENS	245640	HENRY PRATT	AB25	605.0 1498.0 25.0	D	H	A	1070	03	240
MV-14-14	MOTOR OPERATED VALVES	FAN COOLR ISOL OPENS	245641	HENRY PRATT	AB25	603.0 1492.0 25.0	D	H	A	1072	03	241
MV-14-15	MOTOR OPERATED VALVES	FAN COOLR ISOL OPENS	S/N-245650	HENRY PRATT	AB25	605.0 1506.0 25.0	D	H	A	1074	03	242
MV-14-16	MOTOR OPERATED VALVES	FAN COOLR ISOL OPENS	S/N-245638	HENRY PRATT	AB25	603.0 1503.0 25.0	D	H	A	1076	03	243
MV-14-17	MOTOR OPERATED VALVES	FUEL POOL ISO. CLOSE(SIAS)	BY FIELD	HENRY PRATT	AB25	596.0 1578.0 25.0	D	H	A	1078	03	244
MV-14-18	MOTOR OPERATED VALVES	CCW TO FUEL HX ISOL VALVE	BY FIELD	HENRY PRATT	AB25	595.0 1577.0 25.0	D	H	A	1080	03	245
MV-14-19	MOTOR OPERATED VALVE	FUEL POOL ISOL CLOSE(R-M)	BY FIELD	HENRY PRATT	AB25	595.0 1556.0 25.0	D	H	A	1082	03	246
MV-14-20	MOTOR OPERATED VALVES	FUEL POOL ISOL CLOSE(R-M)	BY FIELD	HENRY PRATT	AB25	595.0 1557.0 25.0	D	H	A	1086	03	247
MV-14-9	MOTOR OPERATED VALVES	FAN COOLR ISOL OPENS	S/N-245651	HENRY PRATT	AB25	606.0 1511.0 20.0	D	H	A	1092	03	248

TAGS INCLUDED: MV-14-10 ----MV-14-9
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 3.1
MANUFACTURER: LIMITORQUE CORP MODEL#: SMB-00-15 EQUIP. TYPE: VALVES

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
V2504	MOV	RWT SUPPLY	BY FIELD	NOT APPLICABLE	AB24	553.0 1542.0 -1.0	D	H	A	1650	03	249
V2514 (FAI)		LATER	BY FIELD	NOT APPLICABLE	AB24	532.0 1551.0 4.0		M	A	2124	03	250
V2525	MOTOR OPERATED VALVES	BORON LOAD CONTROL VALVE	BY FIELD	WESTINGHOUSE	AB25	549.0 1572.0 20.0	E	M	A	1659	03	251
V2553	MOTOR OPERATED VALVES	CHGG P 2C BYPASS	BY FIELD	CCI	AB24	573.0 1548.0 4.0	D	H	A	1661	03	252
V2554	MOTOR OPERATED VALVES	CHGG P 2B BYPASS	BY FIELD	CCI	AB24	558.0 1548.0 4.0	D	H	A	1663	03	253
V2555	MOTOR OPERATED VALVES	CHGG P 2A BYPASS	BY FIELD	CCI	AB24	544.0 1548.0 4.0	D	H	A	1665	03	254
V3456	MOTOR OPERATED VALVES	SDC HX LOCATION	BY FIELD	WESTINGHOUSE	AB24	575.0 1467.0 5.0	D	H	A	1667	03	255
V3457	MOTOR OPERATED VALVES	SDC HX ISOLATION	BY FIELD	WESTINGHOUSE	AB24	567.0 1463.0 5.0	D	H	A	1669	03	256
V3480	MOTOR OPERATED VALVE	SDC/ISOL VALVE	BY FIELD	WESTINGHOUSE	RB15	708.0 1491.0 35.0	A	H	A	1671	03	257
V3481	MOTOR OPERATED VALVE	SDC ISOL VALVE	BY FIELD	WESTINGHOUSE	RB15	696.0 1482.0 37.0	A	H	A	1673	03	258
V3517	MOTOR OPERATED VALVE	SDC BLOCK VALVE	BY FIELD	WESTINGHOUSE	AB24	573.0 1484.0 5.0	D	H	A	1677	03	259
V3523		LATER	BY FIELD	NOT APPLICABLE		598.00 1507.00 20.0	D	H	A	2176	03	260

TAGS INCLUDED: V2504 ----V3523
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 3.1
MANUFACTURER: LIMITORQUE CORP MODEL#: EQUIP. TYPE: VALVES

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
V3523 (LC) FAI		LATER	BY FIELD	NOT APPLICABLE	AB25	598.0 1507.0 20.0	D	H	A	2128	03	261
V3536	MOTOR OPERATED VALVES	SDC WARMUP	BY FIELD	TARGET ROCK	AB24	587.0 1486.0 5.0	D	H	A	1680	03	262
V3539	MOTOR OPERATED VALVES	SDC WARMUP	BY FIELD	TARGET ROCK	AB24	550.0 1483.0 5.0	D	H	A	1682	03	263
V3540		HOT LEG INJECT	BY FIELD	NOT APPLICABLE		598.00 1507.00 20.0	D	H	A	2145	03	264
V3540 (LC) FAI		LATER	BY FIELD	NOT APPLICABLE	AB25	603.0 1492.0 20.0	D	H	A	2125	03	265
V3545	MOTOR OPERATED VALVE	SDC CROSSTIE	BY FIELD	WESTINGHOUSE	RB15	682.0 1478.0 36.0	A	H	A	1685	03	266
V3550		HOT LEG INJECT	BY FIELD	NOT APPLICABLE		602.00 1495.00 20.0	D	H	A	2174	03	267
V3550 (LC) FAI		LATER	BY FIELD	NOT APPLICABLE	AB25	602.0 1495.0 20.0	D	H	A	2126	03	268
V3551		HOT LEG INJECT	BY FIELD	NOT APPLICABLE		598.00 1510.00 20.0	D	H	A	2175	03	269
V3551 (LC) FAI		LATER	BY FIELD	NOT APPLICABLE	AB25	598.0 1510.0 20.0	D	H	A	2127	03	270
V3614	MOTOR OPERATED VALVE	SFTY INJECTION TANK 2B2 DISCH VALVE	BY FIELD	WESTINGHOUSE	RB15	723.0 1458.0 23.0	A	H	A	1692	03	271
V3624	MOTOR OPERATED VALVE	SFTY INJECTION ON TANK 2A1 DISCH VALVE	BY FIELD	WESTINGHOUSE	RB15	743.0 1505.0 20.0	A	H	A	1695	03	272

TAGS INCLUDED: V3523 (LC) FAI ----V3624
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 3.1
MANUFACTURER: LIMITORQUE CORPORATION MODEL#: SMB-2/22970 EQUIP. TYPE: VALVE OPERATORS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	ICES #	REV #	
V3634	MOTOR OPERATED VALVE	SFTY INJECTION TANK 2B1 DISCH VALVE	BY FIELD	WESTINGHOUSE	RB15	640.0 1522.0 21.0	A	H	A	1697	03	273
V3644	MOTOR OPERATED VALVE	SFTY INJECTION TANK 2A2 DISCH VALVE	BY FIELD	WESTINGHOUSE	RB15	641.0 1466.0 23.0	A	H	A	1700	03	274
V3651	MOTOR OPERATED VALVE	SDC ISOL VALVE	BY FIELD	WESTINGHOUSE	RB15	663.0 1491.0 30.0	A	H	A	1702	03	275
V3652	MOTOR OPERATED VALVE	SDC ISOL VALVE	BY FIELD	WESTINGHOUSE	RB15	667.0 1497.0 34.0	A	H	A	1704	03	276
V3654	MOTOR OPERATED VALVE	LTR	S/N 220886	WESTINGHOUSE	AB24	556.0 1505.0 -1.0	D	H	A	1706	03	277
V3656	MOTOR OPERATED VALVE	LATER	BY FIELD	WESTINGHOUSE	AB24	580.0 1505.0 -1.0	D	H	A	1708	03	278
V3658	MOTOR OPERATED VALVE	SDC HX ISOL	BY FIELD	WESTINGHOUSE	AB24	556.0 1468.0 -1.0	D	H	A	1710	03	279
V3659	MOTOR OPERATED VALVES	SI PUMP RECIRCULATION CLOSE (RAS)	BY FIELD	WESTINGHOUSE	AB24	573.0 1513.0 -1.0	D	H	A	1712	03	280
V3660	MOTOR OPERATED VALVES	SI PUMP RECIRCULATION CLOSE (RAS)	BY FIELD	WESTINGHOUSE	AB24	552.0 1538.0 -1.0	D	H	A	1714	03	281
V3664	MOTOR OPERATED VALVES	SDC ISOL VALVE	BY FIELD	WESTINGHOUSE	AB25	590.0 1522.0 20.0	D	H	A	1716	03	282
V3665	MOTOR OPERATED VALVES	SDC ISOL VALVE	BY FIELD	WESTINGHOUSE	AB25	603.0 1517.0 20.0	D	H	A	1718	03	283

TAGS INCLUDED: V3634 ----V3665
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 3.2/9.2
MANUFACTURER: ASCO/NAMCO MODEL#: S:NP831664E EQUIP. TYPE: VALVE OPERATORS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
FCV-07-1A	CONTROL VALVE	CONT ISOL.	LS:EA180213	WKM	AB25	608.0 1527.0 20.0	D	H	A	2023	03	284
FCV-07-1B	CONTROL VALVE	CONT ISOL	S:NP831664E	NOT APPLICABLE	AB25	596.0 1494.0 20.0	D	H	A	2024	03	285
FCV-23-3	CONTROL VALVE	SG BLOWDOWN CLOSES(CIAS)	S:NP831664E	WKM	AB25	613.0 1537.0 20.0	D	H	A	0425	03	286
FCV-23-5	CONTROL VALVE	SG BLOWDOWN CLOSES(CIAS)	LS:EA180	WKM	AB25	609.0 1501.0 20.0	D	H	A	0426	03	287
FCV-23-7	CONTROL VALVE	SG SAMPLE CLOSES(CIAS)	BY FIELD	WKM	AB25	603.0 1517.0 20.0	D	H	A	0427	03	288
FCV-23-9	CONTROL VALVE	SG SAMPLE CLOSES(CIAS)	BY FIELD	WKM	AB25	608.0 1498.0 20.0	D	H	A	0428	03	289
FCV-25-1	CONTROL VALVE	CONT ISOL CLOSE(CIAS)	LS:EA740201	HENRY PRATT	AB25	628.0 1552.0 20.0	D	M	A	0429	03	290
FCV-25-2	CONTROL VALVE	CONT ISOL CLOSE(CIAS)	LS:EA-74080	HENRY PRATT	RB19	626.0 1540.0 33.0	A	H	A	0442	03	291
FCV-25-21	CONTROL VALVE	CONT ISOL CLOSE(CIAS)	LS:EA-740	HENRY PRATT	AB27	609.0 1518.0 45.0	D	H	A	0444	03	292
FCV-25-26	CONTROL VALVE	CONT ISOL CLOSE(CIAS)	LS:EA-740	HENRY PRATT	AB27	609.0 1516.0 45.0	D	H	A	0447	03	293
FCV-25-3	CONTROL VALVE	CONT ISOL CLOSE(CIAS)	LS:EA-74020	HENRY PRATT	RB15	631.0 1540.0 33.0	A	H	A	0450	03	294
FCV-25-4	CONTROL VALVE	CONT ISOL CLOSE(CIAS)	LS:EA-74020	HENRY PRATT	RB16	618.0 1499.0 45.0	A	H	A	0461	03	295

TAGS INCLUDED: FCV-07-1A ----FCV-25-4
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 3.2/9.2
MANUFACTURER: ASCO/NAMCO MODEL#: EQUIP. TYPE: VALVE OPERATORS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
FCV-25-5	CONTROL VALVE	CONT ISOL CLOSE(CIAS)	LS:EA-74022	HENRY PRATT	RB19	615.0 1496.0 54.0	A	H	A	0462	03	296
FCV-25-6	CONTROL VALVE	CONT ISOL CLOSE(CIAS)	LS:EA-74020	HENRY PRATT	AB27	609.0 1493.0 43.0	D	H	A	0463	03	297
FCV-25-7	CONTROL VALVE	CONT VACM RLF CLOSE/OPEN	LS:EA-740	HENRY PRATT	RB19	742.0 1455.0 72.0	A	H	A	0464	03	298
FCV-25-8	CONTROL VALVE	CONT VACM RLF CLOSE/OPEN	LS:EA-740	HENRY PRATT	RB19	734.0 1444.0 72.0	A	H	A	0465	03	299
FCV-26-02	CONTROL VALVE	LATER	BY FIELD	ASCO NAMCOEA					A	0050	03	300
FCV-26-04	CONTROL VALVE	LATER	BY FIELD	ASCO NAMCOEA					A	0049	03	301
FCV-26-1	CONTROL VALVE	RAD MONIT ISOL CLOSES(CIAS)	LS:EA180323	VALTEK-MARK II	RB15	627.0 1534.0 18.0	A	H	A	0466	03	302
FCV-26-2	CONTROL VALVE	RAD MONIT ISOL CLOSES(CIAS)	BY FIELD	WKM	AB25	619.0 1538.0 20.0	D	H	A	0467	03	303
FCV-26-3	CONTROL VALVE	ISOLATION	(REF 3)	WKM	RB15	626.0 1533.0 18.0	A	H	A	0045	03	304
FCV-26-4	CONTROL VALVE	RAD MONIT ISOL CLOSES(CIAS)	BY FIELD	WKM	AB25	620.0 1539.0 20.0	D	H	A	0469	03	305
FCV-26-5	CONTROL VALVE	RAD MONIT ISOL CLOSES(CIAS)	(REF 2,3)	WKM	RB15	628.0 1535.0 18.0	A	H	A	0470	03	306
FCV-26-5	CONTROL VALVE	LATER	BY FIELD	ASCO NAMCOEA					A	0046	03	307

TAGS INCLUDED: FCV-25-5 ----FCV-26-5
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 3.2/9.2
MANUFACTURER: ASCO/NAMCO MODEL#: BY FIELD EQUIP. TYPE: VALVE OPERATORS M

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
FCV-26-6	CONTROL VALVE	LATER	BY FIELD	ASCO NAMCOEA					A	0051	03	308
FCV-26-6	CONTROL VALVE	RAD MONIT ISOL CLOSES(CIAS)	BY FIELD	WKM	AB25	618.0 1537.0 20.0	D	H	A	0471	03	309
HCV-08-1A	ISOLATION VALVE	MSIV CLOSE(MSIS)	BY FIELD	ROCKWELL	TB23	737.0 1389.0 46.0	K	H	A	0742	03	310
HCV-08-1B	ISOLATION VALVE	MSIV CLOSE(MSIS)	REF 3	ROCKWELL	TB23	687.0 1381.0 46.0	K	H	A	0743	03	311
HCV-14-1	CONTROL VALVE	RCP COOLING WATER SUPPLY ISOLATION VALVE	BY FIELD	HENRY PRATT	RB15	633.0 1492.0 20.0	A	H	A	0748	03	312
HCV-14-2	CONTROL VALVE	RCP COOLING WATER SUPPLY ISOLATION VALVE	LS:EA740201	HENRY PRATT	RB15	633.0 1493.0 20.0	A	H	A	0750	03	313
HCV-14-3A	CONTROL VALVE	CCW OUTLET VALVE FROM SHUTDOWN HX 2A	LS:EA740201	HENRY PRATT	AB24	565.0 1450.0 5.0	D	H	A	0751	03	314
HCV-14-3B	CONTROL VALVE	CCW OUTLET VALVE FROM SHUTDOWN HX 2B	LS:EA740201	HENRY PRATT	AB24	565.0 1430.0 5.0	D	H	A	0752	03	315
HCV-14-6	CONTROL VALVE	RCP COOLING WATER SUPPLY ISOLATION VALVE	LS:EA740201	HENRY PRATT	AB25	610.0 1488.0 20.0	D	H	A	0753	03	316
HCV-14-7	CONTROL VALVE	RCP COOLING WATER SUPPLY ISOLATION VALVE	LS:EA180213	HENRY PRATT	AB25	610.0 1485.0 20.0	D	H	A	0754	03	317
HCV-15-1	CONTROL VALVE	PRIMARY MAKEUP CLOSES(CIAS)	LS:EA180213	WKM	AB25	606.0 1528.0 25.0	D	H	A	0758	03	318
HCV-18-1	CONTROL VALVE	INS AIR TO CONTAINMENT	S:NP8321A1E	WKM	AB25	607.0 1495.0 20.0	D	H	A	0759	03	319

TAGS INCLUDED: FCV-26-6 ----HCV-18-1
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 3.2/9.2
MANUFACTURER: ASCO/NAMCO MODEL#: LS:EA180 EQUIP. TYPE: VALVE OPERATORS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	ICES #	REV #	
HCV-25-1	CONTROL VALVE	ECCS SUMP ISOL	BY FIELD	WKM	AB24	586.0 1483.0 5.0	D	H	A	0052	03	320
HCV-25-1A	CONTROL VALVE	ECCS SUMP ISOL	BY FIELD	WKM	AB24	586.0 1484.0 5.0	D	H	A	0053	03	321
HCV-25-2	CONTROL VALVE	ECCS ISOLATION	S:NP8321A1E	WKM	AB24	545.0 1463.0 5.0	D	H	A	0054	03	322
HCV-25-2A	CONTROL VALVE	ECCS ISOL.	S:NP8321A1E	WKM	AB24	546.0 1463.0 -10.0	D	H	A	0055	03	323
HCV-25-3	CONTROL VALVE	ECCS ISOL	S:NP8321A1E	WKM	AB24	546.0 1525.0 5.0	D	H	A	0056	03	324
HCV-25-3A	CONTROL VALVE	ECCS ISOL	S:NP8321A1E	WKM	AB24	546.0 1526.0 5.0	D	H	A	0057	03	325
HCV-25-4	CONTROL VALVE	ECCS ISOL.	BY FIELD	WKM	AB24	569.0 1537.0 5.0	D	H	A	0058	03	326
HCV-25-4A	CONTROL VALVE	ECCS ISOL.	BY FIELD	WKM	AB24	568.0 1536.0 5.0	D	H	A	0059	03	327
HCV-25-5	CONTROL VALVE	ECCS ISOL.	BY FIELD	WKM	AB24	577.0 1463.0 5.0	D	H	A	0060	03	328
HCV-25-5A	CONTROL VALVE	ECCS ISOL.	BY FIELD	WKM	AB24	578.0 1463.0 5.0	D	H	A	0061	03	329
HCV-25-6A	CONTROL VALVE CABLE CONDUCTR CONECTORS	ECCS ISOL	LS:EA180313	WKM	AB24	546.0 1522.0 5.0	D	H	A	2025	03	330
HCV-25-7A	CONTROL VALVE CABLE CONDUCTR CONECTORS	ECCS ISOL	LS:EA180213	WKM	AB24	562.0 1537.0 5.0	D	H	A	2026	03	331

TAGS INCLUDED: HCV-25-1 ----HCV-25-7A
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 3.2/9.2
MANUFACTURER: ASCO/NAMCO MODEL#: S:RFHV202303 EQUIP. TYPE: VALVE OPERATORS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
HCV-3618	ISOLATION VALVE	SIT DRAIN CLOSE(SIAS)	LS:EA180313	FISHER	RB16	729.0 1465.0 46.0	A	H	A	0765	03	332
HCV-3628	ISOLATION VALVE	SIT DRAIN CLOSE(SIAS)	LS:EA180313	FISHER	RB16	741.0 1507.0 45.0	A	H	A	0769	03	333
HCV-3638	ISOLATION VALVE	SIT DRAIN CLOSE(SIAS)	LS:EA180313	FISHER	RB16	639.0 1524.0 45.0	A	H	A	0773	03	334
HCV-3648	ISOLATION VALVE	SIT DRAIN CLOSE(SIAS)	LS:EA180313	FISHER	RB16	642.0 1496.0 45.0	A	H	A	0777	03	335
LCV-07-11A	CONTROL VALVE	ISOLATION VALVES	LS:EA180213	WKM	RB15	619.0 1517.0 26.0	A	H	A	0851	03	336
LCV-07-11A	CONTROL VALVE	LATER	BY FIELD	ASCO NAMCOEA	RB15				A	0047	03	337
LCV-07-11B	CONTROL VALVE	LATER	BY FIELD	ASCO NAMCOEA	RB15				A	0048	03	338
LCV-07-11B	CONTROL VALVE	ISOLATION VALVES	S:NP8321A1E	WKM	AB25	596.0 1520.0 20.0	D	H	A	0852	03	339
V2515	ISOLATION VALVE	LETDOWN LINE ISOLATIONVALVE	BY FIELD	FISHER	RB15	641.0 1540.0 18.0	A	H	A	1657	03	340
V2516	CONTROL VALVE	LETDOWN LINE ISOLATIONVALVE	BY FIELD	FISHER	RB15	644.0 1543.0 18.0	A	H	A	1658	03	341
V2522	CONTROL VALVE	LATER	BY FIELD	FISHER	AB25	607.0 1528.0 20.0	D	H	A	2020	03	342
V2523	CONTROL VALVE	LATER	LS:EA180313	FISHER	AB25	614.0 1535.0 20.0	D	H	A	2021	03	343

TAGS INCLUDED: HCV-3618 ----V2523
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 3.2/9.2
MANUFACTURER: ASCO/NAMCO LS:EA18031302 MODEL#: S:REHV2023031 EQUIP. TYPE: VALVE OPERATORS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
V2524	CONTROL VALVE	LATER	LS:EA180313	FISHER	RB15	617.0 1500.0 20.0	A	H	A	2022	03	344
V3571	ISOLATION VALVE	HOT LEG LINE CHECK VALVE LEAK DRAIN VALVE	BY FIELD	FISHER	RB15	665.0 1505.0 30.0	A	H	A	1689	03	345
V3572	ISOLATION VALVE	HPSI HOT LEG LINECHECK LEAK DRAIN VALVE	LS:EA170311	FISHER	RB16	744.0 1500.0 50.0	A	H	A	1690	03	346

TAGS INCLUDED: V2524 ----V3572
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 35.1
MANUFACTURER: VALCOR ENGINEERING CO. MODEL#: V52600-515/10 EQUIP. TYPE: VALVE OPERATORS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
FSE-27-10	FLOW SOLENOID	CONTROL OF CONTAINMENT ATMOSPHERE SAMPLE TO H2 ANALYZER	BY FIELD	NOT APPLICABLE	RB15	619.0 1487.0 20.0	A	H	A	0617	03	347
FSE-27-11	FLOW SOLENOID	CONTROL OF CONTAINMENT ATMOSPHERE SAMPLE TO H2 ANALYZER	BY FIELD	NOT APPLICABLE	RB15	619.0 1488.0 20.0	A	H	A	0618	03	348
FSE-27-12	FLOW SOLENOID	CONTROL OF CONTAINMENT ATMOSPHERE SAMPLE TO H2 ANALYZER	BY FIELD	NOT APPLICABLE	RB15	630.0 1542.0 -34.0	A	H	A	0619	03	349
FSE-27-13	FLOW SOLENOID	CONTROL OF CONTAINMENT ATMOSPHERE SAMPLE TO H2 ANALYZER	BY FIELD	NOT APPLICABLE	RB15	628.0 1538.0 34.0	A	H	A	0620	03	350
FSE-27-14	FLOW SOLENOID	CONTROL OF CONTAINMENT ATMOSPHERE SAMPLE TO H2 ANALYZER	BY FIELD	NOT APPLICABLE	RB15	629.0 1540.0 34.0	A	H	A	0621	03	351
FSE-27-15	FLOW SOLENOID	CONTROL OF CONTAINMENT ATMOSPHERE SAMPLE TO H2 ANALYZER	BY FIELD	NOT APPLICABLE	AB25	609.0 1491.0 20.0	D	H	A	0622	03	352
FSE-27-16	FLOW SOLENOID	CONTROL OF CONTAINMENT ATMOSPHERE SAMPLE TO H2 ANALYZER	BY FIELD	NOT APPLICABLE	AB25	609.0 1493.0 20.0	D	H	A	0623	03	353
FSE-27-17	FLOW SOLENOID	CONTROL OF CONTAINMENT ATMOSPHERE SAMPLE TO H2 ANALYZER	BY FIELD	NOT APPLICABLE	AB25	612.0 1515.0 26.0	D	H	A	0624	03	354
FSE-27-18	FLOW SOLENOID	CONTROL OF CONTAINMENT ATMOSPHERE SAMPLE TO H2 ANALYZER	BY FIELD	NOT APPLICABLE	AB25	612.0 1515.0 26.0	D	H	A	0625	03	355
FSE-27-8	FLOW SOLENOID	CONTROL OF CONTAINMENT ATMOSPHERE SAMPLE TO H2 ANALYZER	BY FIELD	NOT APPLICABLE	RB15	619.0 1485.0 20.0	A	H	A	0626	03	356
FSE-27-9	FLOW SOLENOID	CONTROL OF CONTAINMENT ATMOSPHERE SAMPLE TO H2 ANALYZER	BY FIELD	NOT APPLICABLE	RB15	619.0 1486.0 20.0	A	H	A	0627	03	357

TAGS INCLUDED: FSE-27-10 ----FSE-27-9
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 35.6
MANUFACTURER: TARGET ROCK MODEL#: 740-005-1 EQUIP. TYPE: VALVE OPERATORS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	ICES #	REV #	
SE-02-01	SOLENOID VALVE	CHARGING LINE ISOL VALVE	S/N 1	NOT APPLICA	RB15	650.0 1549.0 18.0	A	H	A	1952	03	358
SE-02-02	SOLENOID VALVE	CHARGING LINE ISOL VALVE	BY FIELD	NOT APPLICA	RB15	648.0 1547.0 18.0	A	H	A	1953	03	359
SE-02-03	SOLENOID VALVE	AUXILIARY SPRAY ISOL VALVE	BY FIELD	NOT APPLICA	RB15	652.0 1551.0 18.0	A	H	A	1954	03	360
SE-02-04	SOLENOID VALVE	AUXILIARY SPRAY ISOL VALVE	BY FIELD	NOT APPLICA	RB15	651.0 1550.0 18.0	A	H	A	1955	03	361
SE-03-1A	SOLENOID VALVE	S.I. TANK FILL & DRAIN VALVE	BY FIELD	NOT APPLICA	RB16	617.0 1505.0 27.0	A	H	A	1439	03	362
SE-03-1B	SOLENOID VALVE	S.I. TANK FILL & DRAIN VALVE	BY FIELD	NOT APPLICA	RB16	744.0 1471.0 45.0	A	H	A	1440	03	363
SE-03-1C	SOLENOID VALVE	S.I. TANK FILL & DRAIN VALVE	BY FIELD	NOT APPLICA	RB16	631.0 1528.0 46.0	A	H	A	1441	03	364
SE-03-1D	SOLENOID VALVE	S.I. TANK FILL & DRAIN VALVE	BY FIELD	NOT APPLICA	RB16	624.0 1514.0 46.0	A	H	A	1442	03	365
SE-03-2A	SOLENOID VALVE	S.I. TANK TEST LINE VALVE TO RWT	BY FIELD	NOT APPLICA	RB15	626.0 1464.0 18.0	A	H	A	1443	03	366
SE-03-2B	SOLENOID VALVE	S.I. TANK TEST LINE VALVE TO RWT	BY FIELD	NOT APPLICA	RB15	626.0 1534.0 20.0	A	H	A	1444	03	367
SE-05-1A	SOLENOID VALVE	CONTAINMENT ISOLATION	S/N 1	NOT APPLICA	RB16	617 1505 27.0	A	H	A	0004	03	368
SE-05-1B	SOLENOID VALVE	CONTAINMENT ISOLATION	S/N 4	NOT APPLICA	RB16	617 1504 27.0	A	H	A	0005	03	369

TAGS INCLUDED: SE-02-01 ----SE-05-1B
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 35.6
MANUFACTURER: TARGET ROCK MODEL#: 78E009 EQUIP. TYPE: VALVE OPERATORS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
SE-05-1C	SOLENOID VALVE	CONTAINMENT ISOLATION	S/N 3	NOT APPLICA	RB16	617 1503 27.0	A	H	A	0006	03	370
SE-05-1D	SOLENOID VALVE	CONTAINMENT ISOLATION	BY FIELD	NOT APPLICA	RB16	617 1501 27.0	A	H	A	0007	03	371
SE-05-1E	SOLENOID VALVE	CONTAINMENT ISOLATION	BY FIELD	NOT APPLICA	RB16	617. 1501. 27.0	A	H	A	0008	03	372
SE-08-1	SOLENOID VALVE	AUX. TURBINE WARM UP SUPPLY	S/N 1	NOT APPLICA	TB23	721.0 1414.0 28.0	K	H	A	1956	03	373
SE-08-2	SOLONOID VALVE	AUX. TURBINE WARM UP SUPPLY	BY FIELD	NOT APPLICA	TB23	691.0 1408.0 28.0	K	H	A	1957	03	374
SE-09-2	SOLENOID VALVE	AUX FW PUMP 2A ISOLATION VALVES	BY FIELD	NOT APPLICA	TB23	746 1398 45.0	K	H	A	0009	03	375
SE-09-3	SOLENOID VALVE	AUX FW PUMP 2B ISOLATION VALVES	BY FIELD	NOT APPLICA	TB23	680 1396 45.0	K	H	A	0010	03	376
SE-09-4	SOLENOID VALVE	AUX FW PUMP 2C ISOLATION	BY FIELD	NOT APPLICA	TB23	732 1397 45.0	K	H	A	0011	03	377
SE-09-5	SOLENOID VALVE	AUX FW P 2C ISOLATION VALVES	BY FIELD	NOT APPLICA	TB23	680 1394 45.0	K	H	A	0012	03	378

TAGS INCLUDED: SE-05-1C ----SE-09-5
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 35.8
MANUFACTURER: ANCHOR/DARLING COMPANY MODEL#: EQUIP. TYPE: VALVES

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
HCV-09-1A	CONTROL VALVE (ACTUAT	MFIV CLOSE(MSIS)	SERIES/E932	NOT APPLICA	TB23	739.0 1416.0 45.0	K	H	A	0744	03	379
HCV-09-1B	CONTROL VALVE (ACTUAT	MFIV CLOSE(MSIS)	SERIES/E932	NOT APPLICA	TB23	738.0 1413.0 45.0	K	H	A	0745	03	380
HCV-09-2A	CONTROL VALVE (ACTUAT	MFIV CLOSE(MSIS)	SERIES/E932	NOT APPLICA	TB23	710.0 1400.0 45.0	K	H	A	0746	03	381
HCV-09-2B	CONTROL VALVE (ACTUAT	MFIV CLOSE(MSIS)	SERIES/E932	NOT APPLICA	TB23	619.0 1389.0 45.0	E	H	A	0747	03	382

TAGS INCLUDED: HCV-09-1A ----HCV-09-2B
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 36.2
MANUFACTURER: MAGNETROL MODEL#: A103F-EP/VPX-Y EQUIP. TYPE: SWITCH

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
LS-06-1A	LEVEL SWITCH	ECCS SAFEGUARD RM-A SUMP PUMP	SIMD4DC	NOT APPLICABLE	AB24	596.0 1465.0 -1.0	D	H	A	0874	03	383
LS-06-1B	LEVEL SWITCH	ECCS SAFEGUARD RM-B SUMP PUMP	SIMD4DC	NOT APPLICABLE	AB24	547.0 1536.0 -1.0	D	H	A	0875	03	384

TAGS INCLUDED: LS-06-1A ----LS-06-1B
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 39.1
MANUFACTURER: RDF CORP MODEL#: EQUIP. TYPE: CONTROLLER P

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
TE-07-3A	TEMPERATURE ELEMENT	CONTAINMENT TEMPERATURE	BY FIELD	CE	RB17	755.0 : 0 70.0	A	H	A	2110	03	385
TE-07-3B	TEMPERATURE ELEMENT	CONTAINMENT TEMPERATURE	BY FIELD	CE	AB2	619.0 : 0 70.0	A	H	A	2111	03	386
TE-07-5A	TEMPERATURE ELEMENT	CONTAINMENT TEMPERATURE	BY FIELD	CE	AB24	595.0 : 0 1.0	E	H	A	2112	03	387
TE-07-5B	TEMPERATURE ELEMENT	CONTAINMENT TEMPERATURE	BY FIELD	CE	AB24	599.0 : 0 1.0	E	H	A	2113	03	388
TE-1111X	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	S/N-139	CE	RB15	709.0 1500.00 18.0	A	H	A	1520	03	389
TE-1111Y	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	S/N-128	CE	RB15	706.0 1483.00 18.0	A	H	A	1521	03	390
TE-1112CA	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	BY FIELD	CE	RB15	706.0 1484.00 18.0	A	H	A	1522	03	391
TE-1112CB	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	BY FIELD	CE	RB15	708.0 1511.00 18.0	A	H	A	1523	03	392
TE-1112CC	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	S/N-129	CE	RB15	707.0 1484.00 18.0	A	H	A	1524	03	393
TE-1112CD	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	BY FIELD	CE	RB15	707.0 1511.00 18.0	A	H	A	1525	03	394
TE-1112HA	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	BY FIELD	CE	RB15	708.0 1499.00 18.0	A	H	A	1526	03	395
TE-1112HB	TEMPERATURE ELEMENT	REACTOR COOLANT TEMP-ERATURE	BY FIELD	CE	RB15	708.0 1501.00 18.0	A	H	A	1527	03	396

TAGS INCLUDED: TE-07-3A ----TE-1112HB
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 39.1
MANUFACTURER: RDF CORP MODEL#: P/N-21233 EQUIP. TYPE: PRIMARY ELEMENT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
TE-1112HC	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	S/N-117	CE	RB15	710.0 1499.00 18.0	A	H	A	1528	03	397
TE-1112HD	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	S/N-118	CE	RB15	710.0 1501.00 18.0	A	H	A	1529	03	398
TE-1115	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	BY FIELD	CE	RB15	707.0 1510.00 18.0	A	H	A	1530	03	399
TE-1121X	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	S/N-137	CE	RB15	666.0 1500.00 18.0	A	H	A	1531	03	400
TE-1121Y	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	S/N-133	CE	RB15	668.0 1490.00 18.0	A	H	A	1532	03	401
TE-1122CA	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	BY FIELD	CE	RB15	668.0 1518.00 18.0	A	H	A	1533	03	402
TE-1122CB	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	BY FIELD	CE	RB15	669.0 1488.00 18.0	A	H	A	1534	03	403
TE-1122CC	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	BY FIELD	CE	RB15	667.0 1518.00 18.0	A	H	A	1535	03	404
TE-1122CD	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	BY FIELD	CE	RB15	667.0 1488.00 18.0	A	H	A	1536	03	405
TE-1122HA	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	BY FIELD	CE	RB15	667.0 1501.00 18.0	A	H	A	1537	03	406
TE-1122HB	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	S/N-122	CE	RB15	667.0 1499.00 18.0	A	H	A	1538	03	407
TE-1122HC	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	S/N-121	CE	RB15	664.0 1501.00 18.0	A	H	A	1539	03	408

TAGS INCLUDED: TE-1112HC ----TE-1122HC
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 39.1
MANUFACTURER: RDF CORP MODEL#: EQUIP. TYPE: PRIMARY ELEMENT

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
TE-1122HD	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	BY FIELD	CE	RB15	664.0 1499.00 18.0	A	H	A	1540	03	409
TE-1125	TEMPERATURE ELEMENT	REACTOR COOLANT TEMPERATURE	BY FIELD	CE	RB15	667.0 1516.00 18.0	A	H	A	1541	03	410
TE-3303W	TEMPERATURE ELEMENT	SHUTDOWN COOLING HEAT EXCHNGER TEMP.	BY FIELD	CE	AB24	557.0 1438.00 5.0	D	H	A	1542	03	411
TE-3303X	TEMPERATURE ELEMENT	SHUTDOWN COOLING HEAT EXCHANGER TEMPERATURE	BY FIELD	CE	AB24	558.0 1438.00 5.0	D	H	A	1543	03	412
TE-3303Y	TEMPERATURE ELEMENT	SHUTDOWN COOLING HEAT EXCHANGER	BY FIELD	CE	AB24	558.0 1421.00 5.0	D	H	A	1544	03	413
TE-3303Z	TEMPERATURE ELEMENT	SHUTDOWN COOLING HEAT EXCHANGER TEMPERATURE	BY FIELD	CE	AB24	557.0 1423.00 5.0	D	H	A	1545	03	414
TE-3351X	TEMPERATURE ELEMENT	LPSI HEADER TEMPERATURE	BY FIELD	CE	AB24	579.0 1480.00 5.0	D	H	A	1546	03	415
TE-3351Y	TEMPERATURE ELEMENT	LPSI HEADER TEMPERATURE	BY FIELD	CE	AB24	594.0 1471.00 5.0	D	H	A	1547	03	416
TE-3352X	TEMPERATURE ELEMENT	LPSI HEADER TEMPERATURE	BY FIELD	CE	AB24	550.0 1474.00 5.0	D	H	A	1548	03	417
TE-3352Y	TEMPERATURE ELEMENT	LPSI HEADER TEMPERATURE	BY FIELD	CE	AB24	565.0 1489.00 5.0	D	H	A	1549	03	418

TAGS INCLUDED: TE-1122HD ----TE-3352Y
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 4.1
MANUFACTURER: RELIANCE MODEL#: 1XF882438A3-NE EQUIP. TYPE: MOTORS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
2HVS-1A	FAN MOTOR	CONTAINMENT HEAT REMOVAL	GF-21210	JOY MANUF.	RB15	734.0 1545.0 41.0	A	H	A	1800	03	419
2HVS-1B	FAN MOTOR	CONTAINMENT HEAT REMOVAL	GF-21211	JOY MANUF.	RB15	649.0 1550.0 41.0	A	H	A	1801	03	420
2HVS-1C	FAN MOTOR	CONTAINMENT HEAT REMOVAL	GF-21212	JOY MANUF.	RB17	632.0 1482.0 62.0	A	H	A	1802	03	421
2HVS-1D	FAN MOTOR	CONTAINMENT HEAT REMOVAL	GF-21213	JOY MANUF.	RB15	711.0 1442.0 41.0	A	H	A	1803	03	422

TAGS INCLUDED: 2HVS-1A ----2HVS-1D
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 4.2
MANUFACTURER: SIEMENS-ALLIS MODEL#: EL85117-90301-1 EQUIP. TYPE: MOTORS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
CSP 2A	PUMP MOTOR	CONTAINMENT HEAT REMVL	BY FIELD	INGERSOLL-R AND	AB24	580.0 1492.0 -1.0	D	H	A	0342	03	423
CSP 2B	PUMP MOTOR	CONTAINMENT HEAT REMVL	BY FIELD	INGERSOLL-R AND	AB24	555.0 1492.0 -1.0	D	H	A	0344	03	424

TAGS INCLUDED: CSP 2A ----CSP 2B
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 4.3
MANUFACTURER: GENERAL ELECTRIC MODEL#: 5K811043C16/ EQUIP. TYPE: MOTORS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG. H/M	FUNC. CATEG.	CES #	REV #	
AUX FWP 2A	PUMP MOTOR	AUXILARY FEED WATER PUMP 2A	BR8405664	INGERSOLL-R AND	TB23	694.0 1398.0 19.0	K H	A	0092	03	425
AUX FWP 2B	PUMP MOTOR	AUXILARY FEED WATER PUMP 2B	BR8405665	INGERSOLL-R AND	TB23	676.0 1398.0 19.0	K H	A	0094	03	426

TAGS INCLUDED: AUX FWP 2A ----AUX FWP 2B
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 4.4
MANUFACTURER: GENERAL ELECTRIC MODEL#: 5K811052C57/ EQUIP. TYPE: MOTORS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
HPSI P 2A	PUMP MOTOR	HIGH PRESSURE INJECTION PUMP	LN8398678	BINGHAM WILLAME	AB24	577.0 1511.0 -1.0	D	H	A	0782	03	427
HPSI P 2B	PUMP MOTOR	HIGH PRESSURE INJECTION PUMP	LN8398679	BINGHAM WILLAME	AB24	552.0 1530.0 -1.0	D	H	A	0783	03	428

TAGS INCLUDED: HPSI P 2A ----HPSI P 2B
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 4.5
MANUFACTURER: WESTINGHOUSE MODEL#: 5010P39VSWF/ EQUIP. TYPE: MOTORS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
LPSI P 2A	PUMP MOTOR	LOW PRESSURE SFTY INJECTION PUMP	1S-78	INGERSOLL-R AND	AB24	583.0 1472.0 -1.0	D	H	A	0865	03	429
LPSI P 2B	PUMP MOTOR	LOW PRESSURE INJECTION PUMP	2S-78	INGERSOLL-R AND	AB24	552.0 1472.0 -1.0	D	H	A	0867	03	430

TAGS INCLUDED: LPSI P 2A ----LPSI P 2B
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 4.6
MANUFACTURER: WESTINGHOUSE MODEL#: 384D787/7504-1 EQUIP. TYPE: MOTORS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
CHGG P 2A	PUMP MOTOR	CHARGING PUMP 2A;CVCS MAKEUP	BY FIELD	UNION PUMP	AB24	552.0 1553.0 1.0	D	H	A	0180	03	431
CHGG P 2B	PUMP MOTOR	CHARGING PUMP 2B	BY FIELD	UNION PUMP	AB24	562.0 1550.0 1.0	D	H	A	0182	03	432
CHGG P 2C	PUMP MOTOR	CHARGING PUMP 2C	BY FIELD	UNION PUMP	AB24	580.0 1553.0 1.0	D	H	A	0184	03	433

TAGS INCLUDED: CHGG P 2A ----CHGG P 2C
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 4.7
MANUFACTURER: WESTINGHOUSE MODEL#: L-987971 EQUIP. TYPE: MOTORS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
2HVE-6A	FAN MOTOR	SHIELD BLDG. VENT SYSTEM FANS	7905-01-002	NOT APPLICABLE	AB27	571.0 1534.0 43.0	D	H	A	0142	03	434
2HVE-6B	FAN MOTOR	SHIELD BLDG. VENT SYSTEM FANS	7905-01-001	NOT APPLICABLE	AB27	570.0 1512.0 43.0	D	H	A	0143	03	435

TAGS INCLUDED: 2HVE-6A ----2HVE-6B
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 4.8
MANUFACTURER: WESTINGHOUSE MODEL#: TBDP/7908 EQUIP. TYPE: MOTORS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
2HVE-9A	FAN MOTOR	ECCS AREA EXHAUST FAN	BY FIELD	BUFFALO FOR GE	AB27	544.0 1526.0 43.0	D	H	A	1796	03	436
2HVE-9B	FAN MOTOR	ECCS AREA EXHAUST FAN	BY FIELD	BUFFALO FOR GE	AB27	576.0 1562.0 43.0	E	M	A	1798	03	437
2HVS-4A	FAN MOTOR	REACTOR AUX.BL DG. MAIN SUPPL Y FAN	BY FIELD	BUFFALO FOR GE	AB27	582.0 1548.0 43.0	D	H	A	1806	03	438
2HVS-4B	FAN MOTOR	REACTOR AUX.BL DG. MAIN SUPPLY FAN	BY FIELD	BUFFALO FOR GE	AB27	571.0 1548.0 43.0	D	H	A	1807	03	439

TAGS INCLUDED: 2HVE-9A ----2HVS-4B
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 42.1
MANUFACTURER: ITT GENERAL CONTROLS MODEL#: NH-90 SERIES/ EQUIP. TYPE: DAMPERS & LOUVERS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
D-1	DAMPER OPERATOR	AIR SUPPLY DAMPERS TO ECCS PUMP ROOM A	NH-95	AMERICAN WARMING	AB24	581.0 1486.0 5.0	D	H	A	0348	03	440
D-13	DAMPER OPERATOR	RAB ISOLATION	NH-95	AMERICAN WARMING	AB27	561.0 1533.0 43.0	D	H	A	0351	03	441
D-14	DAMPER OPERATOR	RAB ISOLATION	NH-95	AMERICAN WARMING	AB27	553.0 1531.0 43.0	D	H	A	0352	03	442
D-15	DAMPER OPERATOR	RAB ISOLATION	NH-95	AMERICAN WARMING	AB27	586.0 1566.0 43.0	D	M	A	0353	03	443
D-16	DAMPER OPERATOR	RAB ISOLATION	NH/95	AMERICAN WARMING	AB27	586.0 1570.0 43.0	D	M	A	0354	03	444
D-2	DAMPER OPERATOR	DAMPERS TO ECCS PUMP ROOM A	NH-95	AMERICAN WARMING	AB24	573.0 1484.0 5.0	D	H	A	0359	03	445
D-23	DAMPER OPERATOR	SBVS CONT.	NH-91 REVER	AMERICAN WARMING	AB27	576.0 1531.0 46.0	D	H	A	0363	03	446
D-24	DAMPER OPERATOR	SBVS CONT.	NH-91 REVER	AMERICAN WARMING	AB27	578.0 1515.0 46.0	D	H	A	0364	03	447
D-3	DAMPER OPERATOR	AIR SUPPLY DAMPERS TO ECCS PUMP ROOM B	NH-95	AMERICAN WARMING	AB24	564.0 1486.0 5.0	D	H	A	0366	03	448
D-4	DAMPER OPERATOR	AIR SUPPLY DAMPERS TO ECCS PUMP ROOM B	BY FIELD	TATUS-QUALIFIED	AB24	557.0 1485.0 5.0	D	H	A	0375	03	449
D-6A	DAMPER OPERATOR	ECCS AREA ISOLATION DAMPERS	NH-95	AMERICAN WARMING	AB24	558.0 1419.0 5.0	D	H	A	0379	03	450
D-8A	DAMPER OPERATOR	ECCS AREA ISOLATION DAMPERS	H-95	AMERICAN WARMING	AB24	558.0 1460.0 5.0	D	H	A	0383	03	451

TAGS INCLUDED: D-1 ----D-8A
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 42.1
MANUFACTURER: ITT GENERAL CONTROLS MODEL#: NH-90 SERIES/ EQUIP. TYPE: DAMPERS & LOUVERS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
D-8B	DAMPER OPERATOR	ECCS AREA ISOLATION DAMPERS	NH 95	AMERICAN WARMING	AB24	558.0 1459.0 5.0	D	H	A	0384	03	452
D-9A	DAMPER OPERATOR	ECCS AREA ISOLATION DAMPERS N.--SEE [REF 1	NH-95	AMERICAN WARMING	AB24	548.0 1515.0 5.0	D	H	A	0385	03	453
D-9B	DAMPER OPERATOR	ECCS AREA ISOLATION DAMPERS	NH-95	AMERICAN WARMING	AB24	549.0 1515.0 5.0	D	H	A	0386	03	454

TAGS INCLUDED: D-8B ----D-9B
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 6.1
MANUFACTURER: OKONITE MODEL#: B/M D15 EQUIP. TYPE: CABLE

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNC. CATEG.	CES #	REV #	
B/M D15 SERIES	MED. VOLT. PWR CABLE	PROVIDE MED. VOLT.PWR CABLE THROUGHOUT PLANT	SEE NOTES	NOT APPLICABLE	RB15	636.0 1537.0 21.0	A H	A	1939	03	455

TAGS INCLUDED: B/M D15 SERIES ----B/M D15 SERIES
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 6.2
MANUFACTURER: KERITE MODEL#: B/M D26 SERIES EQUIP. TYPE: CABLE

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
B/M D26 SERIES	LOW VOLT. PWR/CNTR CB	PROVIDE QUALIFIED LOW VOLT. POWER & CONTROL CABLING	SEE NOTES	NOT APPLICABLE	RB15	636.0 1537.0 21.0	A	H	A	1940	03	456
B/M D52 SERIES	LOW VOLT. PWR/CNTR CB	PROVIDE QUALIFIED LOW VOLT. POWER & CONTROL CABLING	SEE NOTES	NOT APPLICABLE	RB15	636.0 1537.0 21.0	A	H	A	2007	03	457
B/M D54 SERIES	LOW VOLT. PWR/CNTR CB	PROVIDE QUALIFIED LOW VOLT. POWER & CONTROL CABLING	SEE NOTES	NOT APPLICABLE	RB15	636.0 1537.0 21.0	A	H	A	2006	03	458
B/M D60 SERIES	MULTI-PAIR INSTR.	PROVIDE QUALIFIED LOW VOLT. POWER & CONTROL CABLING	SEE NOTES	NOT APPLICABLE	RB15	636.0 1537.0 21.0	A	H	A	2011	03	459
B/M D61 SERIES	INSTUMENT CABLE	PROVIDE QUALIFIED LOW VOLT. POWER & CONTROL CABLING	3/C #6	NOT APPLICABLE	RB15	636.0 1537.0 21.0	A	H	A	2012	03	460
B/M D62 SERIES	600 VOLT. RATEDINSTR.	PROVIDE QUALIFIED LOW VOLT. POWER & CONTROL CABLING	SEE NOTES	NOT APPLICABLE	RB15	636.0 1537.0 21.0	A	H	A	2009	03	461
B/M D63 SERIES	LOW VOLT. PWR/CNTR CB	PROVIDE QUALIFIED LOW VOLT. POWER & CONTROL CABLING	SEE NOTES	NOT APPLICABLE	RB15	636.0 1537.0 21.0	A	H	A	2008	03	462
B/M D71 SERIES	THERMOCOUPLE EXT. WI	PROVIDE QUALIFIED LOW VOLT. POWER & CONTROL CABLING	SEE NOTES	NOT APPLICABLE	RB15	636.0 1537.0 21.0	A	H	A	2010	03	463

TAGS INCLUDED: B/M D26 SERIES ----B/M D71 SERIES
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 6.3
MANUFACTURER: ROCKBESTOS CO. MODEL#: FIREWALL III EQUIP. TYPE: CABLE

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNC. CATEG.	CES #	REV #	
B/M D80 SERIES	INSTRUMENT CBL.	PROVIDE INSTRUMENT CABLE THROUGHOUT PLANT	COAXIAL	NOT APPLICABLE	RB15	636.0: 1537.0: 21.0	A H	A	2002	03	464

TAGS INCLUDED: B/M D80 SERIES ----B/M D80 SERIES
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 61.1
MANUFACTURER: WESTINGHOUSE MODEL#: MODEL B EQUIP. TYPE: HYDROGEN RECOMBINER

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
H2 RMB 2A	HYDROGEN RECOM-BINER	LIMITS BUILD-UP OF FREE HYDROGEN	21	NOT APPLICABLE	RB17	736.0 1518.0 62.0	A	H	A	1941	03	465
H2 RMB 2B	HYDROGEN RECOM-BINER	LIMITS BUILD-UP OF FREE HYDROGEN	22	NOT APPLICABLE	RB17	638.0 1516.0 62.0	A	H	A	1944	03	466

TAGS INCLUDED: H2 RMB 2A ----H2 RMB 2B
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 62.1
MANUFACTURER: TELEDYNE THER- MATICS MODEL#: TEFZEL 280 EQUIP. TYPE: SWITCH BOARD WIRE

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG H/M	FUNC. CATEG.	CES #	REV #	
B/M D9 SERIES	JUMPER/HOOKUP WIRE	HOOKUP-JUMPER CONNECTION FOR CONTROL/INSTR CKTS	BY FIELD	NOT APPLICABLE	RB15	636.0 3 1537.0 21.0	A H	A	1375	03	467

TAGS INCLUDED: B/M D9 SERIES ----B/M D9 SERIES
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 8.1
MANUFACTURER: ROSEMOUNT MODEL#: 1153DB5/ EQUIP. TYPE: SENSORS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
FT-09-2A1	FLOW TRANSMITTR	AUX FWP 2A DISCH. FLOW	328260	NOT APPLICABLE	TB23	693.0 1416.0 23.0	K	H	A	0635	03	468
FT-09-2A2	FLOW TRANSMITTR	AUX FWP DISCH 2A FLUID CONDENSATE	370852	NOT APPLICABLE	TB23	675.0 1416.0 23.0	K	H	A	0636	03	469
FT-09-2B1	FLOW TRANSMITR.	AUX FWP 2B DISCH.FLOW	328259	NOT APPLICABLE	TB23	675.0 1416.0 23.0	K	H	A	0637	03	470
FT-09-2B2	FLOW TRANSMITR.	AUX FWP 2B	370851	NOT APPLICABLE	TB23	693.0 1416.0 23.0	K	H	A	0638	03	471
FT-09-2C1	FLOW TRANSMITR.	AUX FWP 2C DISCHARGE FLOW	328258	NOT APPLICABLE	TB23	709.0 1418.0 23.0	K	H	A	0639	03	472
FT-09-2C2	FLOW TRANSMITR.	AUX FWP 2C DISCHARGE	370850	NOT APPLICABLE	TB23	693.0 1416.0 23.0	K	H	A	0640	03	473
FT-2212	FLOW TRANSMI	FLOW FROM CHG PUMPS TO HTX	358354	CE	AB24	578.0 1557.0 5.0	D	H	A	0655	03	474
PDT-25-14A	DIFF. PRESSURE TRANSMI	2HVE-6A CHARCOAL ABSORBER DIFF PRESS	333416	NOT APPLICA	AB27	582.0 1529.0 43.0	D	H	A	1157	03	475
PDT-25-14B	DIFF PRESS TRANSMI	TRANSMIT CHAR-COAL ABSORBER PRESSURE DROP	333415	NOT APPLICA	AB27	582.0 1515.0 43.0	D	H	A	1158	03	476
PT-07-2A	PRESSURE TRANSMI	CONTAINMENT PRESSURE FLUID-AIR(100% HUMIDITY)^	SEE NOTES	NOT APPLICABLE	AB25	610.0 1480.0 20.0	E	H	A	1306	03	477
PT-07-2B	PRESSURE TRANSMI	CONTAINMENT PRESSURE FLUID-AIR(100% HUMIDITY)	SEE NOTES	NOT APPLICABLE	AB25	610.0 1480.0 20.0	E	H	A	1307	03	478
PT-07-2C	PRESSURE TRANSMI	CONTAINMENT PRESSURE FLUID-AIR(100% HUMIDITY)	SEE NOTES	NOT APPLICABLE	AB25	610.0 1480.0 20.0	E	H	A	1308	03	479

TAGS INCLUDED: FT-09-2A1 ----PT-07-2C
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 8.1
MANUFACTURER: ROSEMOUNT MODEL#: 1153DB5 EQUIP. TYPE: SENSORS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
PT-07-2D	PRESSURE TRANSMI	CONTAINMENT PRESSURE FLUID-AIR(100% HUMIDITY)	SEE NOTES	NOT APPLICABLE	AB25	610.0 0 1480.00 20.0	E	H	A	1309	03	480
PT-08-1A	PRESSURE TRANSMI	STM GENERATOR 2A OUTLET PRESSURE	S/N-386125	NOT APPLICA	TB23	693.0 1416.0 23.0	K	H	A	1310	03	481
PT-08-1B	PRESSURE TRANSMI	STM GENERATOR 2B OUTLET PRESSURE	S/N 384187	NOT APPLICA	TB23	675.0 1416.0 23.0	K	H	A	1311	03	482
PT-08-3A	PRESSURE TRANSMI	MAIN STEAM PRESS	S/N-386136	NOT APPLICA	TB23	693.0 1416.0 23.0	K	H	A	1312	03	483
PT-08-3B	PRESSURE TRANSMI	MAIN STEAM PRESS	BY FIELD	NOT APPLICA	TB23	709.0 1418.0 23.0	K	H	A	1313	03	484
PT-08-5	PRESSURE TRANSMI	STM INLET TO AUX FWP TURBINE	S/N-386127	NOT APPLICA	TB23	709.0 1418.0 23.0	K	H	A	1314	03	485
PT-09-8A	PRESSURE TRANSMI	AUX FEED WATER PUMP 2A DISCH	S/N-386128	NOT APPLICA	TB23	693.0 1416.0 23.0	K	H	A	1315	03	486
PT-09-8B	PRESSURE TRANSMI	AUX FEED WATER PUMP 2B DISCH	S/N-386129	NOT APPLICA	TB23	675.0 1416.0 23.0	K	H	A	1316	03	487
PT-09-8C	PRESSURE TRANSMI	AUX FEED WATER PUMP 2C DISCH	S/N-386138	NOT APPLICA	TB23	709.0 1418.0 23.0	K	H	A	1317	03	488
PT-2212	PRESSURE TRANSMI	CP DISCH PRESSURE	BY FIELD	CE	AB24	577.0 1557.0 5.0	D	H	A	1330	03	489

TAGS INCLUDED: PT-07-2D ----PT-2212
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 8.2
MANUFACTURER: ITT BARTON MODEL#: 764 EQUIP. TYPE: SENSORS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
FT-1158	FLOW TRANSMI	COMPONENT COOLING FLOW	1527	CE	RB15	740.0 1512.0 18.0	A	H	A	0641	03	490
FT-1168	FLOW TRANSMI	COMPONENT COOLING FLOW	1528	CE	RB16	726.0 1464.0 45.0	A	H	A	0642	03	491
FT-1178	FLOW TRANSMI	COMPONENT COOLING FLOW	1529	CE	RB16	619.0 1502.0 49.0	A	H	A	0643	03	492
FT-1188	FLOW TRANSMI	COMPONENT COOLING FLOW	1530	CE	RB16	644.0 1469.0 45.0	A	H	A	0644	03	493
LT-1104	LEVEL TRANSMI	PRESSURIZER LEVEL S/D	1533	CE	RB15	668.0 1564.0 22.0	A	H	A	0908	03	494
LT-1105	LEVEL TRANSMI	PRESSURIZER LEVEL S/D	1534	CE	RB15	663.0 1549.0 18.0	A	H	A	0909	03	495
LT-1110X	LEVEL TRANSMI	PRESSURIZER PRESS LEVEL	1531	CE	RB15	663.0 1549.0 18.0	A	H	A	0910	03	496
LT-1110Y	LEVEL TRANSMI	PRESSURIZER LEVEL	1532	CE	RB15	668.0 1564.0 22.0	A	H	A	0911	03	497
LT-9013A	LEVEL TRANSMI	STEAM GENERATR LEVEL	1535	CE	RB16	741.0 1496.0 45.0	A	H	A	0913	03	498
LT-9013B	LEVEL TRANSMI	STEAM GENERATR LEVEL	1536	CE	RB16	736.0 1477.0 45.0	A	H	A	0914	03	499
LT-9013C	LEVEL TRANSMI	STEAM GENERATR LEVEL	1537	CE	RB16	740.0 1509.0 45.0	A	H	A	0915	03	500
LT-9013D	LEVEL TRANSMI	STEAM GENERATR LEVEL	1538	CE	RB16	737.0 1480.0 45.0	A	H	A	0916	03	501

TAGS INCLUDED: FT-1158 ----LT-9013D
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 8.2
MANUFACTURER: ITT BARTON MODEL#: 764 EQUIP. TYPE: SENSORS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
LT-9023A	LEVEL TRANSMI	STEAM GENERATR LEVEL	1539	CE	RB16	633.0 1505.0 48.0	A	H	A	0917	03	502
LT-9023B	LEVEL TRANSMI	STEAM GEN LEVL	1540	CE	RB16	634.0 1493.0 45.0	A	H	A	0918	03	503
LT-9023C	LEVEL TRANSMI	STM GEN LVL	1541	CE	RB15	636.0 1537.0 21.0	A	H	A	0919	03	504
LT-9023D	LEVEL TRANSMI	STM GEN LVL	1542	CE	RB16	635.0 1513.0 48.0	A	H	A	0920	03	505
LT-9113	LEVEL TRANSMI	STM GEN LVL	1543	CE	RB16	739.0 1488.0 45.0	A	H	A	0921	03	506
LT-9123	LEVEL TRANSMI	STM GEN LVL	1544	CE	RB15	636.0 1484.0 26.0	A	H	A	0922	03	507
PDT-1111A	DIFF'NTL PR ESS TRANSMI	STM GEN 2A DIFF PRESS	1519	CE	RB17	729.0 1514.0 62.0	A	H	A	1145	03	508
PDT-1111B	DIFF'NTL PR ESS TRANSMI	STM GEN 2A DIFF PRESS	1520	CE	RB17	735.0 1486.0 62.0	A	H	A	1146	03	509
PDT-1111C	DIFF'NTL PR ESS TRANSMI	STM GEN 2A DIFF PRESS	1521	CE	RB17	732.0 1514.0 62.0	A	H	A	1147	03	510
PDT-1111D	DIFF'NTL PR ESS TRANSMI	STM GEN 2A DIFF PRESS	1522	CE	RB17	725.0 1486.0 62.0	A	H	A	1148	03	511
PDT-1121A	DIFF'NTL PR ESS TRANSMI	STM GEN 2B DIFF PRESS	1523	CE	RB17	643.0 1514.0 62.0	A	H	A	1149	03	512
PDT-1121B	DIFF'NTL PR ESS TRANSMI	STM GEN 2B DIFF PRESS	1524	CE	RB17	648.0 1486.0 62.0	A	H	A	1150	03	513

TAGS INCLUDED: LT-9023A ----PDT-1121B
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 8.2
MANUFACTURER: ITT BARTON MODEL#: 764 EQUIP. TYPE: SENSORS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
PDT-1121C	DIFF'NTL PRESS TRANSMI	STM GEN 2B DIFF PRESS	1525	CE	RB17	648.0 1514.0 62.0	A	H	A	1151	03	514
PDT-1121D	DIFF'NTL PRESS TRANSMI	STEAM GEN 2B DIFF PRESS	1547	CE	RB17	636.0 1486.0 62.0	A	H	A	1152	03	515
PT-1102A	PRESSURE TRANSMI	PRESURIZER PRESSURE	1005	CE	RB17	658.0 1545.0 62.0	A	H	A	1318	03	516
PT-1102B	PRESSURE TRANSMI	PRESURIZER PRESSURE	1006	CE	RB17	651.0 1540.0 65.0	A	H	A	1319	03	517
PT-1102C	PRESSURE TRANSMI	PRESURIZER PRESSURE	1007	CE	RB15	667.0 * 1551.0 * 18.0	A	H	A	1320	03	518
PT-1102D	PRESSURE TRANSMI	PRESURIZER PRESSURE	1008	CE	RB17	651.0 1543.0 62.0	A	H	A	1321	03	519
PT-1103	PRESSURE TRANSMI	PRESSURIZER PRESSURE	1009	CE	RB17	659.0 1545.0 62.0	A	H	A	1322	03	520
PT-1104	PRESSURE TRANSMI	PRESSURIZER PRESSURE	1010	CE	RB17	659.0 1545.0 62.0	A	H	A	1323	03	521
PT-1105	PRESSURE TRANSMI	PRESSURIZER PRESSURE	1025	CE	RB17	651.0 1542.0 62.0	A	H	A	1324	03	522
PT-1106	PRESSURE TRANSMI	PRESSURIZER PRESSURE	1026	CE	RB17	651.0 1542.0 62.0	A	H	A	1325	03	523
PT-1107	PRESSURE TRANSMI	PRESSURIZER PRESSURE	1011	CE	RB17	651.0 1542.0 62.0	A	H	A	1326	03	524
PT-1108	PRESSURE TRANSMI	PRESSURIZER PRESSURE	1012	CE	RB17	659.0 1545.0 62.0	A	H	A	1327	03	525

TAGS INCLUDED: PDT-1121C ----PT-1108
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 8.2
MANUFACTURER: ITT BARTON MODEL#: 763 EQUIP. TYPE: SENSORS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
PT-8013A	PRESSURE TRANSMI	STEAM GENERATR PRESS.	1015	CE	RB16	741.0 1496.0 45.0	A	H	A	1339	03	526
PT-8013B	PRESSURE TRANSMI	STEAM GENERATR PRESS.	1016	CE	RB16	736.0 1477.0 45.0	A	H	A	1340	03	527
PT-8013C	PRESSURE TRANSMI	STEAM GENERATR PRESS.	1017	CE	RB16	740.0 1509.0 45.0	A	H	A	1341	03	528
PT-8013D	PRESSURE TRANSMI	STEAM GENERATO R PRESS.	1018	CE	RB16	737.0 1480.0 45.0	A	H	A	1342	03	529
PT-8023A	PRESSURE TRANSMI	STEAM GENERATO R PRESS.	1019	CE	RB16	633.0 1505.0 48.0	A	H	A	1343	03	530
PT-8023B	PRESSURE TRANSMI	STEAM GENERATO R PRESS.	1020	CE	RB16	634.0 1493.0 45.0	A	H	A	1344	03	531
PT-8023C	PRESSURE TRANSMI	STEAM GENERATO R PRESS.	1021	CE	RB15	636.0 1537.0 21.0	A	H	A	1345	03	532
PT-8023D	PRESSURE TRANSMI	STEAM GENERATO R PRESS.	1022	CE	RB16	635.0 1513.0 48.0	A	H	A	1346	03	533
PT-8113	PRESSURE TRANSMI	STEAM GENERATOR MAIN STEAM	1014	CE	RB16	739.0 1488.0 45.0	A	H	A	1347	03	534
PT-8123	PRESSURE TRANSMI	STEAM GENERATOR MAIN STEAM	BY FIELD	CE	RB17	634.0 1504.0 66.0	A	H	A	1348	03	535

TAGS INCLUDED: PT-8013A ----PT-8123
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 8.3
MANUFACTURER: GENERAL ATOMIC MODEL#: RD-8 EQUIP. TYPE: SENSORS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
RD-26-3	RADIATION DETECTOR	RADIATION LEVEL MONITORING	BY FIELD	NOT APPLICABLE	RB17	755.0 1502.0 90.0	A	H	A	1426	03	536
RD-26-4	RADIATION DETECTOR	RADIATION LEVEL MONITORING	BY FIELD	NOT APPLICABLE	RB17	688.0 1433.0 90.0	A	H	A	1427	03	537
RD-26-40	RADIATION DETECTOR	RADIATION LEVEL MONITORING	BY FIELD	NOT APPLICABLE	RB17	755 1502 90	A	H	A	0018	03	538
RD-26-41	RADIATION DETECTOR	RADIATION LEVEL MONITORING	BY FIELD	NOT APPLICA	RB17	755 1502 90	A	H	A	0019	03	539
RD-26-5	RADIATION DETECTOR	RADIATION LEVEL MONITORING	BY FIELD	NOT APPLICABLE	RB17	617.0 1498.0 90.0	A	H	A	1428	03	540
RD-26-6	RADIATION DETECTOR	RADIATION LEVEL MONITORING	BY FIELD	NOT APPLICABLE	RB17	685.0 1570.0 .90.0	A	H	A	1429	03	541

TAGS INCLUDED: RD-26-3 ----RD-26-6
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 8.4
MANUFACTURER: FLUID COMPONENT INC MODEL#: EQUIP. TYPE: SENSOR ELEMENTS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	ICES #	REV #	
LE-07-13A	LEVEL TRANSMITTER	CONTAINMENT LEVEL WIDE RANGE	BY FIELD	FLUID COMPONENT INC		667.0 1512.0 18.0	A	H	A	2118	03	542
LE-07-13B	LEVEL TRANSMITTER	CONTAINMENT LEVEL WIDE RANGE	BY FIELD	FLUID COMPONENT INC		667.0 1516.0 18.0	A	H	A	2119	03	543
LE-07-14A	LEVEL TRANSMITTER	CONTAINMENT LEVEL NARROW RANGE	BY FIELD	FLUID COMPONENT INC		667.0 1512.0 18.0	A	H	A	2117	03	544
LT-07-13A	LEVEL TRANSMITTER	CONTAINMENT LEVEL WIDE RANGE	BY FIELD	NOT APPLICABLE		519.0 1479.0 25.0	E	M	A	2120	03	545
LT-07-13B	LEVEL TRANSMITTER	CONTAINMENT LEVEL WIDE RANGE	BY FIELD	NOT APPLICABLE		519.0 1474.0 25.0	E	M	A	2121	03	546
LT-07-14A	LEVEL TRANSMITTER	CONTAINMENT LEVEL NARROW RANGE	BY FIELD	NOT APPLICABLE		519.0 1472.0 25.0	E	M	A	2122	03	547

TAGS INCLUDED: LE-07-13A ----LT-07-14A
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 9.1
MANUFACTURER: NAMCO MODEL#: EA-170 SERIES EQUIP. TYPE: LIMIT SWITCHES

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
ZS-25-116	POSITION SWITCH	ECCS ISOL D-8B	SEE REF 3	AMERICAN WARMING	AB24	558.0 1459.0 5.0	D	H	A	0043	03	548
ZS-25-117	POSITION SWITCH	ECCS ISOL D-8B	SEE REF 3	AMERICAN WARMING	AB24	558.0 1459.0 5.0	D	H	A	0044	03	549
ZS-25-118	POSITION SWITCH	ECCS SUPPLY D-4	SEE REF 3	AMERICAN WARMING	AB24	557.0 1485.0 5.0	D	H	A	0035	03	550
ZS-25-119	POSITION SWITCH	ECCS SUPPLY D-4	SEE REF 3	AMERICAN WARMING	AB24	557.0 1485.0 5.0	D	H	A	0036	03	551
ZS-25-120	POSITION SWITCH	ECCS SUPPLY D-2	SEE REF 3	AMERICAN WARMING	AB24	573.0 1484.0 5.0	D	H	A	0031	03	552
ZS-25-121	POSITION SWITCH	ECCS SUPPLY D-2	SEE REF 3	AMERICAN WARMING	AB24	573.0 1484.0 5.0	D	H	A	0032	03	553
ZS-25-122	POSITION SWITCH	ECCS SUPPLY D-3	SEE REF 3	AMERICAN WARMING	AB24	564.0 1486.0 5.0	D	H	A	0033	03	554
ZS-25-123	POSITION SWITCH	ECCS SUPPLY D-3	SEE REF 3	AMERICAN WARMING	AB-24	564.0 1486.0 5.0	D	H	A	0034	03	555
ZS-25-18	POSITION SWITCH	ECCS SUPPLY D-1	SEE REF 3	AMERICAN WARMING	AB24	581.0 1486.0 5.0	D	H	A	0029	03	556
ZS-25-19	POSITION SWITCH	ECCS SUPPLY D-1	SEE REF 3	AMERICAN WARMING	AB24	581.0 1486.0 5.0	D	H	A	0030	03	557
ZS-25-36	POSITION SWITCH	DAMPER D-5A ECCS EXHAUST SYSTEM	(REF. 3)	AMERICAN WARMING	AB24	558.0 1451.0 5.0	D	H	A	1854	03	558
ZS-25-37	POSITION SWITCH	D-5A	BY FIELD	AMERICAN WARMING	AB24	560.0 1451.0 5.0	D	H	A	1855	03	559

TAGS INCLUDED: ZS-25-116 ----ZS-25-37
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 9.1
MANUFACTURER: NAMCO MODEL#: EA180310302 EQUIP. TYPE: LIMIT SWITCHES

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	ICES #	REV #	
ZS-25-38	POSITION SWITCH	D-5B	(REF.3)	AMERICAN WARMING	AB24	555.0 1451.0 5.0	D	H	A	1856	03	560
ZS-25-39	POSITION SWITCH	D-5B	(REF.3)	AMERICAN WARMING	AB24	556.0 1451.0 5.0	D	H	A	1857	03	561
ZS-25-40	POSITION SWITCH	D-6A	BY FIELD	AMERICAN WARMING	AB24	560.0 1419.0 5.0	D	H	A	1859	03	562
ZS-25-41	POSITION, SWITCH	DAMPER D-6A ECCS EXHAUST SYSTEM	BY FIELD	NOT APPLICABLE	SEE	SERVICE 0 EQUIP. 0		H	A	1860	03	563
ZS-25-42	POSITION SWITCH	D-6B	(REF.3)	AMERICAN WARMING	AB24	555. 0 1419. 0 5.0	D	H	A	1861	03	564
ZS-25-43	POSITION SWITCH	DAMPER D-6B ECCS EXHAUST SYSTEM	BY FIELD	NOT APPLICABLE	SEE	SERVICE 0 EQUIP. 0		H	A	1862	03	565
ZS-25-44	POSITION SWITCH	D-9A	SEE REF 3	AMERICAN WARMING	AB24	547. 0 1515. 0 15.0	D	H	A	1863	03	566
ZS-25-45	POSITION SWITCH	D-9A	SEE REF 3	AMERICAN WARMING	AB24	546. 0 1515. 0 15.0	D	H	A	1866	03	567
ZS-25-46	POSITION SWITCH	D-9B	SEE REF 3	AMERICAN WARMING	AB24	551. 0 1515. 0 15.0	D	H	A	1869	03	568
ZS-25-47	POSITION SWITCH	D-9B	SEE REF 3	AMERICAN WARMING	AB24	550. 0 1515. 0 15.0	D	H	A	1872	03	569
ZS-25-50	POSITION SWITCH	D-16	SEE REF 3	AMERICAN WARMING	AB27	577. 0 1513. 0 20.0	E	H	A	1878	03	570
ZS-25-52	POSITION SWITCH	D-13	SEE REF 3	AMERICAN WARMING	AB27	557. 0 1535. 0 53.0	D	H	A	1880	03	571

DOCUM. PACKAGE #: 9.1
MANUFACTURER: NAMCO

MODEL#: EA-170 SERIES EQUIP. TYPE: LIMIT SWITCHES

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
ZS-25-53	POSITION SWITCH	D-13	SEE REF 3	AMERICAN WARMING	AB27	557. O 1533. O 53.0	D	H	A	1883	03	572
ZS-25-54	POSITION SWITCH	D-14	SEE REF 3	AMERICAN WARMING	AB27	546. O 1533. O 53.0	D	H	A	1886	03	573
ZS-25-55	POSITION SWITCH	D-14	SEE REF 3	AMERICAN WARMING	AB27	546. O 1535. O 53.0	D	H	A	1889	03	574
ZS-25-56	POSITION SWITCH	D-15	SEE REF 3	AMERICAN WARMING	AB27	583. O 1568. O 53.0	D	H	A	1892	03	575
ZS-25-57	POSITION SWITCH	D-15	SEE REF 3	AMERICAN WARMING	AB27	583. O 1569. O 53.0	D	H	A	1895	03	576
ZS-25-58	POSITION SWITCH	D-16	SEE REF 3	AMERICAN WARMING	AB27	584.O 1575. O 53.0	E	H	A	1898	03	577
ZS-25-58	POSITION SWITCH	D-16	SEE REF 3	AMERICAN WARMING	AB27	584.O 1575. O 53.0	D	H	A	0098	03	578
ZS-25-94	POSITION SWITCH	ECCS ISOL D-8A	SEE REF 3	AMERICAN WARMING	AB24	558. O 1460. O 5.0	D	H	A	0041	03	579
ZS-25-95	POSITION SWITCH	ECCS ISOL D-8A	SEE REF 3	AMERICAN WARMING	AB24	558. O 1460. O 5.0	D	H	A	0042	03	580

TAGS INCLUDED: ZS-25-53 ----ZS-25-95
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 9.3
MANUFACTURER: NAMCO MODEL#: EA-740220100 EQUIP. TYPE: LIMIT SWITCHES

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
ZS-25-10	POSITION SWITCH	VLV I-FCV-25-5 CONT.PURGE EXHAUST	BY FIELD	NOT APPLICA	RB19	615* 1496* 54.0	A	H	A	1814	03	581
ZS-25-11	POSITION SWITCH	VLV I-FCV-25-5 CONT.PURGE EXHAUST	BY FIELD	NOT APPLICA	RB19	615.0* 1496.0* 54.0	A	H	A	1825	03	582
ZS-25-12	POSITION SWITCH	VLV I-FCV-25-6 CONT.PURGE EXHAUST	BY FIELD	NOT APPLICA	AB27	609 * 1493 * 43.0	D	H	A	1831	03	583
ZS-25-13	POSITION SWITCH	VLV I-FCV-25-6 CONT.PURGE EXHAUST	BY FIELD	NOT APPLICA	AB27	609 * 1493 * 43.0	D	H	A	1832	03	584
ZS-25-14	POSITION SWITCH	VLV I-FCV-25-7 CONT.VACUUM RELIEF	BY FIELD	NOT APPLICA	RB19	742 * 1455 * 72.0	A	H	A	1833	03	585
ZS-25-15	POSITION SWITCH	VLV I-FCV-25-7 CONT.VACUUM RELIEF	BY FIELD	NOT APPLICA	RB19	742 * 1455 * 72.0	A	H	A	1834	03	586
ZS-25-16	POSITION SWITCH	VLV I-FCV-25-8 CONT.VACUUM RELIEF	BY FIELD	NOT APPLICA	RB19	734 * 1444 * 72.0	A	H	A	1835	03	587
ZS-25-17	POSITION SWITCH	VLV I-FCV-25-8 CONT.VACUUM RELIEF	BY FIELD	NOT APPLICA	RB19	734 * 1444 * 72.0	A	H	A	1836	03	588
ZS-25-2	POSITION SWITCH	VLV I-FCV-25-1 CONT.PURGE INTAKE	BY FIELD	NOT APPLICA	AB25	628 * 1552 * 20.0	E	M	A	1837	03	589
ZS-25-3	POSITION SWITCH	VLV I-FCV-25-1 CONT.PURGE INTAKE	BY FIELD	NOT APPLICA	AB25	628 * 1552 * 20.0	E	M	A	1848	03	590
ZS-25-30	POSITION SWITCH	VLV I-FCV25-12 SYSTEM 2HVE-6B	BY FIELD	NOT APPLICA	AB27	602.00 1518.00 43.0	D	H	A	1849	03	591
ZS-25-31	POSITION SWITCH	VLV I-FCV25-12 SYSTEM 2HVE-6B	BY FIELD	NOT APPLICABLE	AB27	602.00 1518.00 43.0	D	H	A	1850	03	592

TAGS INCLUDED: ZS-25-10 ----ZS-25-31
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 9.3
MANUFACTURER: NAMCO MODEL#: EA740 SERIES EQUIP. TYPE: LIMIT SWITCHES

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
ZS-25-32	POSITION SWITCH	VLV FCV-25-11 SYSTEM 2HVE-6A	BY FIELD	NOT APPLICA	AB27	606.00 1537.00 47.0	D	H	A	1851	03	593
ZS-25-33	POSITION SWITCH	VLV I-FCV25-11 SYSTEM 2HVE-6A	BY FIELD	NOT APPLICABLE	AB27	606.00 1537.00 47.0	D	H	A	1852	03	594
ZS-25-35	POSITION SWITCH	VLV I-FCV25-13 SYS 2HVE-6A&B	BY FIELD	NOT APPLICABLE	AB27	586.00 1531.00 43.0	D	H	A	1853	03	595
ZS-25-4	POSITION SWITCH	VLV I-FCV-25-2 CONT.PURGE INTAKE	BY FIELD	NOT APPLICA	RB19	626 * 1540 * 33.0	A	H	A	1858	03	596
ZS-25-5	POSITION SWITCH	VLV I-FCV-25-2 CONT.PURGE INTAKE	BY FIELD	NOT APPLICA	RB19	626 * 1540 * 23	A	H	A	1877	03	597
ZS-25-6	POSITION SWITCH	VLV I-FCV-25-3 CONT.PURGE INTAKE	BY FIELD	NOT APPLICA	RB15	631 * 1540 * 33.0	A	H	A	1904	03	598
ZS-25-7	POSITION SWITCH	VLV I-FCV-25-3 CONT.PURGE INTAKE	BY FIELD	NOT APPLICA	RB15	631 * 1540 * 33.0	A	H	A	1912	03	599
ZS-25-74	POSITION SWITCH	VLV I-FCV25-33 SYS 2HVE-6B	BY FIELD	NOT APPLICA	AB27	608 * 1511 * 47.0	D	H	A	1915	03	600
ZS-25-75	POSITION SWITCH	VLV I-FCV25-33 SYS 2HVE-6A	BY FIELD	NOT APPLICA	AB27	608 * 1511 * 47.0	D	H	A	1916	03	601
ZS-25-76	POSITION SWITCH	VLV I-FCV25-32 SYS 2HVE-6A	BY FIELD	NOT APPLICA	AB27	612 * 1527 * 47.0	D	H	A	1917	03	602
ZS-25-77	POSITION SWITCH	VLV I-FCV25-32 SYS 2HVE-6A	S/N-261778	NOT APPLICA	AB27	612 * 1527 * 47.0	D	H	A	1918	03	603
ZS-25-78	POSITION SWITCH	VLV I-FCV25-31 SYS 2HVE-6B	BY FIELD	NOT APPLICA	AB27	604 * 1515 * 47.0	D	H	A	1919	03	604

TAGS INCLUDED: ZS-25-32 ----ZS-25-78
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 9.3
MANUFACTURER: NAMCO

MODEL#: EA-740 SERIES EQUIP. TYPE: LIMIT SWITCHES

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
ZS-25-79	POSITION SWITCH	VLV I-FCV25-31 SYS 2HVE-6B	BY FIELD	NOT APPLICA	AB27	604 * 1515 * 47.0	D	H	A	1920	03	605
ZS-25-8	POSITION SWITCH	VLV I-FCV-25-4 CONT.PURGE EXHAUST	BY FIELD	NOT APPLICA	RB16	618 * 1499 * 45.0	A	H	A	1921	03	606
ZS-25-80	POSITION SWITCH	VLV I-FCV25-30 SYS 2HVE-6A	BY FIELD	NOT APPLICA	AB27	609 * 1532 * 47.0	D	H	A	1922	03	607
ZS-25-81	POSITION SWITCH	VLV I-FCV25-30 SYS 2HVE-6A	S/N-262089	NOT APPLICA	AB27	609 * 1532 * 47.0	D	H	A	1923	03	608
ZS-25-82	POSITION SWITCH	VLV I-FCV25-29 SYS 2HVE-6B	BY FIELD	NOT APPLICA	AB27	611 * 1521 * 47.0	D	H	A	1924	03	609
ZS-25-83	POSITION SWITCHCH	VLV I-FCV25-29 SYS 2HVE-6B	S/N-298858	NOT APPLICA	AB27	611 * 1521 * 47.0	D	H	A	1925	03	610
ZS-25-84	POSITION SWITCH	VLV I-FCV25-34 SYS 2HVE-6A	S/N-298859	NOT APPLICA	AB27	612 * 1523 * 47.0	D	H	A	1926	03	611
ZS-25-85	POSITION SWITCH	VLV I-FCV25-34 SYS 2HVE-6A	BY FIELD	NOT APPLICA	AB27	612.0 * 1523.0 * 47.0	D	H	A	1927	03	612
ZS-25-88	POSITION SWITCH	VLV I-FCV25-26 H2 PURGE INTAKE	BY FIELD	NOT APPLICA	AB27	609 * 1516 * 45.0	D	H	A	1928	03	613
ZS-25-89	POSITION SWITCH	VLV I-FCV25-26 H2 PURGE INTAKE	BY FIELD	NOT APPLICA	AB27	609. * 1516. * 45.0	D	H	A	1929	03	614
ZS-25-9	POSITION SWITCHCH	VLV I-FCV-25-4 CONT.PURGE INTAKE	BY FIELD	NOT APPLICA	RB16	618 * 1499 * 45.0	A	H	A	1930	03	615
ZS-25-92	POSITION SWITCH	VLV I-FCV25-21 H2 PURGE EXHAUST	BY FIELD	NOT APPLICA	AB27	609 * 1518. * 45.0	D	H	A	1931	03	616

TAGS INCLUDED: ZS-25-79 ----ZS-25-92
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 9.3
MANUFACTURER: NAMCO MODEL#: EA-740 SERIES EQUIP. TYPE: LIMIT SWITCHES

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
ZS-25-93	POSITION SWITCH	VLV I-FCV25-21 H2 PURGE EXHAUST	BY FIELD	NOT APPLICA	AB27	609 * 1518 * 45.0	D	H	A	1932	03	617
ZS-25-96	POSITION SWITCH	VLV I-FCV25-20 H2 PURGE EXHAUST	BY FIELD	NOT APPLICA	RB16	618 * 1512. * 47.0	A	H	A	1933	03	618
ZS-25-97	POSITION SWITCH	VLV I-FCV25-20 H2 PURGE EXHAUST	BY FIELD	NOT APPLICA	RB16	618 * 1512. * 47.0	A	H	A	1934	03	619

TAGS INCLUDED: ZS-25-93 ----ZS-25-97
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: BOX
MANUFACTURER: SEE DWG. B404 MODEL#: SEE DWG. B404 EQUIP. TYPE: ELECTRICAL BOX

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
B2G87	TERMINAL BO X	SEE QUALIFIED TERMINAL BLCKS CES # 0145	BY FIELD	SEE DWG. B404	AB24	558.0 1454.0 5.0	D	H	B	0136	03	620
B2G88	TERMINAL BO X	SEE QUALIFIED TERMINAL BLCKS CES # 0145	BY FIELD	SEE DWG. B404	AB24	556.0 1454.0 5.0	D	H	B	0137	03	621
B2G89	TERMINAL BO X	SEE QUALIFIED TERMINAL BLCKS CES # 0145	BY FIELD	SEE DWG. B404	AB24	562.0 1416.0 5.0	D	H	B	0138	03	622
B2G90	TERMINAL BO X	SEE QUALIFIED TERMINAL BLCKS CES # 0145	BY FIELD	SEE DWG. B404	AB24	556.0 1416.0 5.0	D	H	B	0139	03	623
B2G91	TERMINAL BO X	SEE QUALIFIED TERMINAL BLCKS CES # 0145	BY FIELD	SEE DWG. B404	AB25	575.0 1519.0 20.0	E	M	B	0140	03	624
B2G92	TERMINAL BO X	SEE QUALIFIED TERMINAL BLCKS CES # 0145	BY FIELD	SEE DWG. B404	AB25	573.0 1519.0 20.0	E	M	B	0141	03	625
B215A	TERMINAL BO X	SEE QUALIFIED TERMINAL BLCKS CES # 0145	BY FIELD	SEE DWG. B404	AB24	545.0 1502.0 5.0	D	H	B	0158	03	626
B2166	TERMINAL BO X	SEE QUALIFIED TERMINAL BLCKS CES # 0145	BY FIELD	SEE DWG. B404	AB27	544.0 1523.0 43.0	D	H	B	0159	03	627
B2191	TERMINAL BO X	SEE QUALIFIED TERMINAL BLCKS CES # 0145	BY FIELD	SEE DWG. B404	AB24	544.0 1514.0 3.5	D	H	B	0160	03	628
B2192	TERMINAL BO X	SEE QUALIFIED TERMINAL BLCKS CES # 0145	BY FIELD	SEE DWG. B404	AB24	544.0 1512.0 3.5	D	H	B	0161	03	629
B2194	TERMINAL BO X	SEE QUALIFIED TERMINAL BLCKS CES # 0145	BY FIELD	SEE DWG. B404	AB27	581.0 1566.0 43.0	E	M	B	0162	03	630
B2195	TERMINAL BO X	SEE QUALIFIED TERMINAL BLCKS CES # 0145	BY FIELD	SEE DWG. B404	AB27	581.0 1569.0 43.0	E	M	B	0163	03	631

TAGS INCLUDED: B2G87 ----B2195
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: BOX
MANUFACTURER: SEE DWG. B404 MODEL#: SEE DWG. B404 EQUIP. TYPE: ELECTRICAL BOX

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
B2197	TERMINAL BO X	SEE QUALIFIED TERMINAL BLCKS CES # 0145	BY FIELD	SEE DWG. B404	AB27	549.0 1528.0 43.0	D	H	B	0164	03	632
B2198	TERMINAL BO X	SEE QUALIFIED TERMINAL BLCKS CES # 0145	BY FIELD	SEE DWG. B404	AB27	559.0 1530.0 45.0	D	H	B	0165	03	633
B257A	TERMINAL BO X	SEE QUALIFIED TERMINAL BLCKS CES # 0145	BY FIELD	SEE DWG. B404	AB25	610.0 1539.0 20.0	D	H	B	0168	03	634
B258A	TERMINAL BO X	SEE QUALIFIED TERMINAL BLCKS CES # 0145	BY FIELD	SEE DWG. B404	RB15	629.0 1533.0 18.0	A	H	B	0169	03	635
B2725	TERMINAL BO X	SEE QUALIFIED TERMINAL BLCKS CES # 0145	BY FIELD	SEE DWG. B404	AB27	571.0 1565.0 43.0	E	M	B	0170	03	636
B2756	TERMINAL BO X	SEE QUALIFIED TERMINAL BLCKS CES # 0145	BY FIELD	SEE DWG. B404	AB24	544.0 1463.0 5.0	D	H	B	0171	03	637

TAGS INCLUDED: B2197 ----B2756
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 33.1
MANUFACTURER: POLYWATER MODEL#: POLYWATER EQUIP. TYPE: LUBRICANTS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
POLYWATER	CABLE PULLING LUBRICA	REDUCES FRICTION WHILE INSTALLING CABLE	BY FIELD	NOT APPLICABLE	RB15	650. 1452. 24.0	A	H	B	0021	03	638

TAGS INCLUDED: POLYWATER ----POLYWATER
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 33.2
MANUFACTURER: BISHOP ELECTRICCO. MODEL#: BISHOP#45 EQUIP. TYPE: LUBRICANTS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
CPL/BISHOP 45	CABLE PULLING LUBRICA	REDUCES FRICTION WHILE INSTALLING CABLE	BY FIELD	NOT APPLICABLE	RB15	650. 1452. 24.0	A	H	B	0020	03	639

TAGS INCLUDED: CPL/BISHOP 45 ----CPL/BISHOP 45
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 55.1
MANUFACTURER: BROWN-BOVERI ELECTRIC MODEL#: B/M C10-2A EQUIP. TYPE: CONTROL DEVICES

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
AUX FWP 2A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	TB23	715.0 1411.0 26.0	K	H	B	0093	03	640
AUX FWP 2B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	TB23	680.0 1375.0 26.0	K	H	B	0095	03	641
CHGG P 2A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	550.0 1562.0 4.0	D	H	B	0181	03	642
CHGG P 2B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	565.0 1562.0 4.0	D	H	B	0183	03	643
CHGG P 2C PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	578.0 1562.0 4.0	D	H	B	0185	03	644
CSP 2A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	584.0 1501.0 5.0	D	H	B	0343	03	645
CSP 2B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	569.0 1500.0 7.0	D	H	B	0345	03	646
FCV-25-11 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB27	599.0 1539.0 43.0	D	H	B	0431	03	648
FCV-25-12 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB27	597.0 1519.0 47.0	D	H	B	0433	03	649
FCV-25-13 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB27	570.0 1523.0 43.0	D	H	B	0435	03	650
FCV-25-29 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB27	598.0 1539.0 47.0	D	H	B	0449	03	651
FCV-25-30 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD.	NOT APPLICABLE	AB27	599.0 1539.0 47.0	D	H	B	0452	03	652

TAGS INCLUDED: AUX FWP 2A PB ----FCV-25-30 PB
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 55.1
MANUFACTURER: BROWN-BOVERI ELECTRIC MODEL#: B/M EQUIP. TYPE: CONTROL DEVICES

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	ICES #	REV #	
FCV-25-31 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB27	597.0 1519.0 47.0	D	H	B	0454	03	653
FCV-25-32 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB27	600.0 1540.0 47.0	D	H	B	0456	03	654
FCV-25-33 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB27	597.0 1519.0 47.0	D	H	B	0458	03	655
FCV-25-34 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB27	597.0 1519.0 47.0	D	H	B	0460	03	656
FCV-3301 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	553.0 1463.0 5.0	D	H	B	0473	03	657
FCV-3306 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	572.0 1471.0 5.0	D	H	B	0475	03	658
HCV-3512 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	558.0 1463.0 5.0	D	H	B	0761	03	659
HCV-3615 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	590.0 1520.0 5.0	D	H	B	0762	03	660
HCV-3625 PB	LOCAL CONTROL STATION	LOCAL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	590.0 1520.0 5.0	D	H	B	0766	03	661
HCV-3657 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	573.0 1469.0 5.0	D	H	B	0779	03	663
LPSI P 2A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	596.0 1470.0 -1.0	D	H	B	0866	03	664
LPSI P 2B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	550.0 1480.0 -1.0	D	H	B	0868	03	665

TAGS INCLUDED: FCV-25-31 PB ----LPSI P 2B PB
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 55.1
MANUFACTURER: BROWN-BOVERI ELECTRIC MODEL#: B/M C10-2B EQUIP. TYPE: CONTROL DEVICES

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	ICES #	REV #	
MV-07-2A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB25	585.0 1516.0 23.0	E	M	B	1020	03	666
MV-07-2B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB25	581.0 1519.0 20.0	E	M	B	1022	03	667
MV-08-1A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	TB23	739.0 1393.0 45.0	K	H	B	1024	03	668
MV-08-1B PB	LOCAL CONTROL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	TB23	685.0 1385.0 45.0	K	H	B	1026	03	669
MV-08-12 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	TB23	689.0 1413.0 25.0	K	H	B	1028	03	670
MV-08-13 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	TB23	727.0 1419.0 25.0	K	H	B	1030	03	671
MV-08-14 SEL SW	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	TB23	711.0 1411.0 45.0	K	H	B	1032	03	672
MV-08-15 SEL SW	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	TB23	713.0 1404.0 45.0	K	H	B	1035	03	673
MV-08-16 SEL SW	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	TB23	680.0 1413.0 45.0	K	H	B	1038	03	674
MV-08-17 SEL SW	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	TB23	686.0 1413.0 45.0	K	H	B	1040	03	675
MV-09-10 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	TB23	671.0 1390.0 42.0	K	H	B	1050	03	676
MV-09-11 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	TB23	733.0 1395.0 46.0	K	H	B	1052	03	677

TAGS INCLUDED: MV-07-2A PB ----MV-09-11 PB
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 55.1
MANUFACTURER: BROWN-BOVERI ELECTRIC MODEL#: B/M C10-2B EQUIP. TYPE: CONTROL DEVICES

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
MV-09-12 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	TB23	684.0 1387.0 46.0	K	H	B	1054	03	678
MV-09-13 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	TB23	689.0 1382.0 34.0	K	H	B	1056	03	679
MV-09-14 PB	LOCAL CONTROL STATION	AUX FW 2C DEV-CHARGE VALVE PUSHBUTTON	BY FIELD	NOT APPLICABLE	TB23	667.0 1388.0 26.0	K	H	B	1058	03	680
MV-09-9 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	TB23	752.0 1407.0 42.0	K	H	B	1061	03	681
MV-14-10 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB25	587.0 1562.0 20.0	D	H	B	1065	03	682
MV-14-11 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB25	587.0 1562.0 20.0	D	H	B	1067	03	683
MV-14-12 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB25	587.0 1562.0 20.0	D	H	B	1069	03	684
MV-14-13 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB25	587.0 1516.0 23.0	D	H	B	1071	03	685
MV-14-14 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB25	587.0 1516.0 23.0	D	H	B	1073	03	686
MV-14-15 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB25	587.0 1516.0 23.0	D	H	B	1075	03	687
MV-14-16 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB25	587.0 1516.0 23.0	D	H	B	1077	03	688
MV-14-17 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB25	587.0 1543.0 20.0	D	H	B	1079	03	689

TAGS INCLUDED: MV-09-12 PB ----MV-14-17 SS
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 55.1
MANUFACTURER: BROWN-BOVERI ELECTRIC MODEL#: B/M EQUIP. TYPE: CONTROL DEVICES

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
MV-14-18 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB25	587.0 1565.0 20.0	D	H	B	1081	03	690
MV-14-19 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB25	587.0 1543.0 20.0	D	H	B	1083	03	691
MV-14-20 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB25	587.0 1565.0 20.0	D	H	B	1087	03	692
MV-14-9 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB25	587.0 1562.0 20.0	D	H	B	1093	03	693
V2504 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	550.0 1542.0 2.0	D	H	B	1651	03	694
V2525 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB25	545.0 1577.0 20.0	E	M	B	1660	03	695
V2553 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	585.0 1558.0 5.0	D	H	B	1662	03	696
V2554 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	570.0 1552.0 5.0	D	H	B	1664	03	697
V2555 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	556.0 1551.0 5.0	D	H	B	1666	03	698
V3456 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	573.0 1469.0 5.0	D	H	B	1668	03	699
V3457 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	558.0 1463.0 5.0	D	H	B	1670	03	700
V3495 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	572.0 1515.0 5.0	D	H	B	1675	03	701

TAGS INCLUDED: MV-14-18 SS ----V3495 SS
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 55.1
MANUFACTURER: BROWN-BOVERI ELECTRIC MODEL#: B/M C9-3G EQUIP. TYPE: CONTROL DEVICES

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
V3496 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	557.0 1539.0 -5.0	D	H	B	1676	03	702
V3517 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	573.0 1511.0 5.0	D	H	B	1678	03	703
V3523 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB25	587.0 1509.0 20.0	D	H	B	1679	03	704
V3536 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	573.0 1511.0 5.0	D	H	B	1681	03	705
V3539 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	550.0 1482.0 5.0	D	H	B	1683	03	706
V3540 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB25	587.0 1495.0 20.0	D	H	B	1684	03	707
V3550 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB25	587.0 1495.0 20.0	D	H	B	1687	03	708
V3551 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB25	587.0 1509.0 20.0	D	H	B	1688	03	709
V3654 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	569.0 1506.0 -1.0	D	H	B	1707	03	710
V3656 PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	585.0 1502.0 5.0	D	H	B	1709	03	711
V3658 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	558.0 1463.0 5.0	D	H	B	1711	03	712
V3659 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	584.0 1501.0 5.0	D	H	B	1713	03	713

TAGS INCLUDED: V3496 SS ----V3659 SS
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 55.1
MANUFACTURER: BROWN-BOVERI ELECTRIC MODEL#: B/M C9-1E EQUIP. TYPE: CONTROL DEVICES

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
V3660 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB24	554.0 1539.0 5.0	D	H	B	1715	03	714
V3664 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB25	587.0 1495.0 20.0	D	H	B	1717	03	715
V3665 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB25	587.0 1509.0 20.0	D	H	B	1719	03	716
V5203 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB25	587.0 1521.0 20.0	D	H	B	1723	03	717
V5204 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB25	587.0 1521.0 20.0	D	H	B	1724	03	718
V5205 SS	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB25	587.0 1521.0 20.0	D	H	B	1725	03	719
2HVE-10B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB27	545.0 1520.0 46.0	D	H	B	1790	03	720
2HVE-6A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB27	571.0 1540.0 43.0	D	H	B	1794	03	721
2HVE-6B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB27	571.0 1519.0 43.0	D	H	B	1795	03	722
2HVE-9A PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB27	543.0 1523.0 43.0	D	H	B	1797	03	723
2HVE-9B PB	LOCAL CNTRL STATION	LCL CONTROL OF TAG INDICATED	BY FIELD	NOT APPLICABLE	AB27	573.0 1561.0 43.0	E	M	B	1799	03	724

TAGS INCLUDED: V3660 SS ----2HVE-9B PB
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

DOCUM. PACKAGE #: 55.2
MANUFACTURER: BROWN-BOVERI ELECTRIC INC. MODEL#: BY EQUIP. TYPE: STARTERS

TAG NO	COMPONENT NAME	FUNCTION & SERVICE	SERIAL #	MAJOR SUPPLIER	PLANT LOCATION	LOCATION X,Y,Z	ENVIRONM. CATEG	H/M	FUNC. CATEG.	CES #	REV #	
MV-08-14 STR	AC/DC LOCAL STARTER	CLASS 1E SAFETY CLASS. LCL STRS FOR MOV'S	FIELD	NOT APPLICABLE	TB23	710.0 1412.0 45.0	K	H	B	1033	03	725
MV-08-15 STR	AC/DC LOCAL STARTER	CLASS 1E SAFETY CLASS. LCL STRS FOR MOV'S	FIELD	NOT APPLICABLE	TB23	712.0 1406.0 45.0	K	H	B	1036	03	726
MV-08-19A STR	AC/DC LOCAL STARTER	CLASS 1E SAFETY CLASS. LCL STRS FOR MOV'S	B/M C3-5	NOT APPLICABLE	TB23	712.0 1407.0 45.0	K	H	B	1044	03	727
MV-08-19B STR	AC/DC LOCAL STARTER	CLASS 1E SAFETY CLASS. LCL STRS FOR MOV'S	FIELD	NOT APPLICABLE	TB23	674.0 0 1387.00 45.0	K	H	B	1046	03	728

TAGS INCLUDED: MV-08-14 STR ----HCV-3635
SORT TYPE:PACKAGE/ALPH GLOBAL REV#- 3 08/25/82

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG.- PWR
UTILITY: FLORIDA POWER & LIGHT INDEX OF QUALIFICATION STATUS/PUNCHLIST ITEMS CAPACITY: 890 MW(E) PAGE- 1

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
10.1	EHC-2HVE-6A1	A	0781	03	INSTALLEDLLED	RETEST	1. UNDERGOING IEEE 323-74 GENERIC QUALIFICATION TESTING	10/82	ACTON/ CVI	
	EHC-2HVE-6A2	A	2003	03	INSTALLED					
	EHC-2HVE-6B1	A	2004	03	INSTALLED					
	EHC-2HVE-6B2	A	2005	03	INSTALLED					

SORT TYPE:PACKAGE,TAG GLOBAL REV# 3 08/25/82

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG.- PWR
UTILITY: FLORIDA POWER & LIGHT INDEX OF QUALIFICATION STATUS/PUNCHLIST ITEMS CAPACITY: 890 MW(E)

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
13.1	H2 ANLR SAMPLE	A	1951	03	NOT INSTALLED	QUALIFIED	1.ADDITIONAL QUALIFICATION ANALYSIS EXPECTED FOR SAMPLE PUMP MOTOR	09/30/82	COMSIP DELPHI	
	H2 ANLR SYSTEM	A	1938	03	NOT INSTALLED					

SORT TYPE:PACKAGE,TAG GLOBAL REV# 3 08/25/82

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG.- PWR
UTILITY: FLORIDA POWER & LIGHT INDEX OF QUALIFICATION STATUS/PUNCHLIST ITEMS CAPACITY: 890 MW(E)

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
15.1	PENET A1	A	1976	03	INSTALLED	RETEST	1. NEW CONAX TEST REPORT (IPS-850)COVERING SUBMERGENCE CAPABILITIES UNDER REVIEW BY EBASCO. COMMENTS TO VENDOR IN PROGRESS	09/30/82	CONAX	
	PENET A2	A	1977	03	INSTALLED					
	PENET A3	A	1978	03	INSTALLED					
	PENET A4	A	1979	03	INSTALLED					
	PENET A6	A	1980	03	INSTALLED					
	PENET A7	A	1981	03	INSTALLED					
	PENET A8	A	1982	03	INSTALLED					
	PENET B1	A	1983	03	INSTALLED					
	PENET B2	A	1984	03	INSTALLED					
	PENET B3	A	1985	03	INSTALLED					
	PENET B4	A	1189	03	INSTALLED					
	PENET B5	A	1986	03	INSTALLED					
	PENET B6	A	1987	03	INSTALLED					
	PENET B7	A	1190	03	INSTALLED					
	PENET B8	A	1988	03	INSTALLED					
	PENET B9	A	1989	03	INSTALLED					
	PENET C10	A	1968	03	NOT INSTALLED					
	PENET C2	A	1990	03	INSTALLED					
	PENET C4	A	1992	03	NOT INSTALLED					
	PENET C5	A	1993	03	INSTALLED					
	PENET C6	A	1994	03	INSTALLED					
	PENET C7	A	1192	03	INSTALLED					
	PENET C8	A	1996	03	INSTALLED					
	PENET C9	A	1997	03	INSTALLED					
	PENET D1	A	1998	03	INSTALLED					
	PENET D2	A	1999	03	INSTALLED					
	PENET D3	A	1193	03	INSTALLED					
	PENET D5	A	1965	03	INSTALLED					
	PENET D6	A	1969	03	INSTALLED					
	PENET D7	A	1960	03	INSTALLED					
	PENET D8	A	1959	03	INSTALLED					
	PENET D9	A	1970	03	INSTALLED					
	PENET ELEP-1	A	1967	03	INSTALLED					
	PENET E1	A	1962	03	INSTALLED					
	PENET E10	A	1964	03	INSTALLED					
	PENET E2	A	1963	03	INSTALLED					
	PENET E3	A	1961	03	INSTALLED					
	PENET E4	A	1971	03	INSTALLED					
	PENET E5	A	1972	03	INSTALLED					
	PENET E6	A	1194	03	INSTALLED					
	PENET E7	A	1973	03	INSTALLED					
	PENET E8	A	1974	03	INSTALLED					
	PENET E9	A	1975	03	INSTALLED					
	PENET PLEP-1	A	1966	03	NOT INSTALLED					

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
15.2	FCV-23-4CM	A	2040	03	INSTALLED	RETEST	1. NEW CONAX TEST REPORT (IPS-850)COVERING SUBMERGENCE CAPABILITIES UNDER REVIEW BY EBASCO. COMMENTS TO VENDOR IN PROGRESS	09/30/82	CONAX	
	FCV-23-6CM	A	2039	03	INSTALLED					
	FCV-25-20CM	A	2043	03	NOT INSTALLED					
	FCV-25-3CM	A	2041	03	INSTALLED					
	FCV-25-4CM	A	2042	03	NOT INSTALLED					
	FCV-26-1CM	A	2035	03	NOT INSTALLED					
	FCV-26-1CM	A	2036	03						
	FCV-26-3CM	A	2037	03	NOT INSTALLED					
	FCV-26-5CM	A	2038	03	NOT INSTALLED					
	FSE-27-10CM	A	2046	03	NOT INSTALLED					
	FSE-27-11CM	A	2047	03	NOT INSTALLED					
	FSE-27-12CM	A	2048	03	NOT INSTALLED					
	FSE-27-13CM	A	2049	03	NOT INSTALLED					
	FSE-27-14CM	A	2050	03	NOT INSTALLED					
	FSE-27-8CM	A	2044	03	NOT INSTALLED					
	FSE-27-9CM	A	2045	03	NOT INSTALLED					
	HCV-14-1CM	A	2051	03	INSTALLED					
	HCV-14-2CM	A	2052	03	NOT INSTALLED					
	HCV-3618CM	A	2053	03	INSTALLED					
	HCV-3628CM	A	2054	03	INSTALLED					
	HCV-3638CM	A	2055	03	INSTALLED					
	HCV-3648CM	A	2056	03	INSTALLED					
	H2 RMB 2A CM	A	2108	03	NOT INSTALLED					
	H2 RMB 2B CM	A	2109	03	NOT INSTALLED					
	LCV-07-11ACM	A	2057	03	INSTALLED					
	SE-02-1CM	A	2058	03	INSTALLED					
	SE-02-2CM	A	2059	03	INSTALLED					
	SE-02-3CM	A	2060	03	INSTALLED					
	SE-02-4CM	A	2061	03	INSTALLED					
	SE-03-1ACM	A	2062	03	INSTALLED					
	SE-03-1BCM	A	2063	03	INSTALLED					
	SE-03-1CCM	A	2064	03	INSTALLED					
	SE-03-1DCM	A	2065	03	INSTALLED					
	SE-03-2ACM	A	2066	03	INSTALLED					
	SE-03-2BCM	A	2067	03	INSTALLED					
	TE-07-3A CM	A	2087	03	NOT INSTALLED					
	TE-07-3B CM	A	2088	03	NOT INSTALLED					
	TE-07-5B CM	A	2089	03	NOT INSTALLED					
	TE-1112CACM	A	2069	03	NOT INSTALLED					
	TE-1112CBCM	A	2070	03	NOT INSTALLED					
	TE-1112CCCM	A	2071	03	INSTALLED					
	TE-1112CDCM	A	2072	03	NOT INSTALLED					
	TE-1112HACM	A	2073	03	NOT INSTALLED					
	TE-1112HBCM	A	2074	03	NOT INSTALLED					
	TE-1112HCCM	A	2075	03	INSTALLED					
	TE-1112HDCM	A	2076	03	NOT INSTALLED					
	TE-1115CM	A	2077	03	NOT INSTALLED					

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG.- PWR
UTILITY: FLORIDA POWER & LIGHT INDEX OF QUALIFICATION STATUS/PUNCHLIST ITEMS CAPACITY: 890 MW(E)

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
	TE-1122CACM	A	2078	03	NOT INSTALLED					
	TE-1122CBCM	A	2079	03	NOT INSTALLED					
	TE-1122CCCM	A	2080	03	NOT INSTALLED					
	TE-1122CDCM	A	2081	03	NOT INSTALLED					
	TE-1122HACM	A	2082	03	NOT INSTALLED					
	TE-1122HBCM	A	2083	03	NOT INSTALLED					
	TE-1122HCCM	A	2084	03	NOT INSTALLED					
	TE-1122HDCM	A	2085	03	NOT INSTALLED					
	TE-1125CM	A	2086	03	NOT INSTALLED					
	V1460 CM	A	2090	03	NOT INSTALLED					
	V1461 CM	A	2091	03	NOT INSTALLED					
	V1462 CM	A	2092	03	NOT INSTALLED					
	V1463 CM	A	2093	03	NOT INSTALLED					
	V1464 CM	A	2095	03	NOT INSTALLED					
	V1465 CM	A	2096	03	NOT INSTALLED					
	V1466 CM	A	2097	03	NOT INSTALLED					
	V2515 CM	A	2098	03	INSTALLED					
	V2516 CM	A	2099	03	INSTALLED					
	V2524 CM	A	2100	03	INSTALLED					
	V3571 CM	A	2101	03	INSTALLED					
	V3572 CM	A	2102	03	INSTALLED					
	V6346 CM	A	2106	03	NOT INSTALLED					
	V6718 CM	A	2107	03	NOT INSTALLED					

SORT TYPE:PACKAGE,TAG GLOBAL REV# 3 08/25/82

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG.- PWR
UTILITY: FLORIDA POWER & LIGHT INDEX OF QUALIFICATION STATUS/PUNCHLIST ITEMS CAPACITY: 890 MW(E) PAGE- 6

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
16.1	WCSF-N SERIES	A	1937	02	INSTALLED	RETEST	1. UNDERGOING 323-74 RETESTING	10/82	CONAX	

SORT TYPE:PACKAGE,TAG GLOBAL REV# 3 08/25/82

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
17.1	QUALIFIED	A	0145	03	INSTALLED	QUALIFIED	NO OPEN ITEMS			

SORT TYPE:PACKAGE,TAG GLOBAL REV# 3 08/25/82

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
20.1	B2G30	A	0121	03	INSTALLED	RETEST	1. UNDERGOING IEEE 323-74 QUALIFICATION TESTING	10/82	ACTON/ SYSTEMS	
	B2G31	A	0122	02	INSTALLED					
	B2G32	A	0123	02	INSTALLED					
	HCV-09-1A REL P	A	1947	02	INSTALLED					
	HCV-09-1B REL P	A	1948	02	INSTALLED					
	HCV-09-2A REL P	A	1949	03	INSTALLED					
	HCV-09-2B REL P	A	1950	03	INSTALLED					

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG.- PWR
UTILITY: FLORIDA POWER & LIGHT INDEX OF QUALIFICATION STATUS/PUNCHLIST ITEMS CAPACITY: 890 MW(E)

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
3.1	FCV-25-11	A	0430	03	NOT INSTALLED	QUALIFIED FOR INTERIM OPERATION	1. VENDOR RESPONSE TO SL2-EQ-81-10-53 (HOPING TO GET CLAIMED PROPRIETARY DATA)		LIMITOR-QUE	
	FCV-25-12	A	0432	03	NOT INSTALLED		2. UPDATE BELOW FLOOD LEVEL VALVES WITH FMECA REFERENCE DEMONSTRATING ACCEPTABILITY	09/30/82	EQ CORE	
	FCV-25-13	A	0434	03	NOT INSTALLED					
	FCV-25-29	A	0448	03	INSTALLED					
	FCV-25-30	A	0451	03	INSTALLED					
	FCV-25-31	A	0453	03	NOT INSTALLED					
	FCV-25-32	A	0455	03	INSTALLED					
	FCV-25-33	A	0457	03	NOT INSTALLED					
	FCV-25-34	A	0459	03	INSTALLED					
	FCV-3301	A	0472	03	INSTALLED					
	FCV-3306	A	0474	03	INSTALLED					
	HCV-3512	A	0760	03	INSTALLED					
	HCV-3615	A	0788	03	INSTALLED					
	HCV-3617	A	0790	03						
	HCV-3625	A	0791	03	INSTALLED					
	HCV-3626	A	0792	03	INSTALLED					
	HCV-3627	A	0793	03						
	HCV-3635	A	0770	03	INSTALLED					
	HCV-3636	A	0771	03	INSTALLED					
	HCV-3636	A	0795	03						
	HCV-3637	A	0772	03	INSTALLED					
	HCV-3637	A	0796	03						
	HCV-3645	A	0797	03						
	HCV-3646	A	0775	03	INSTALLED					
	HCV-3646	A	0798	03						
	HCV-3647	A	0776	03	INSTALLED					
	HCV-3657	A	0778	03	NOT INSTALLED					
	MV-07-2A	A	1019	03	NOT INSTALLED					
	MV-07-2B	A	1021	03	NOT INSTALLED					
	MV-08-1A	A	1023	03	INSTALLED					
	MV-08-1B	A	1025	03	INSTALLED					
	MV-08-12	A	1027	03	INSTALLED					
	MV-08-13	A	1029	03	NOT INSTALLED					
	MV-08-14	A	1031	03	NOT INSTALLED					
	MV-08-15	A	1034	03	NOT INSTALLED					
	MV-08-16	A	1037	03	INSTALLED					
	MV-08-17	A	1039	03	INSTALLED					
	MV-08-18A	A	1041	03	INSTALLED					
	MV-08-18B	A	1042	03	INSTALLED					
	MV-08-19A	A	1043	03	INSTALLED					
	MV-08-19B	A	1045	03	INSTALLED					
	MV-08-3	A	1047	03	NOT INSTALLED					
	MV-09-10	A	1049	03	INSTALLED					
	MV-09-11	A	1051	03	INSTALLED					
	MV-09-12	A	1053	03	INSTALLED					
	MV-09-13	A	1055	03	INSTALLED					
	MV-09-14	A	1057	03	INSTALLED					

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
	MV-09-9	A	1060	03	INSTALLED					
	MV-14-10	A	1064	03	INSTALLED					
	MV-14-11	A	1066	03	INSTALLED					
	MV-14-12	A	1068	03	INSTALLED					
	MV-14-13	A	1070	03	INSTALLED					
	MV-14-14	A	1072	03	INSTALLED					
	MV-14-15	A	1074	03	INSTALLED					
	MV-14-16	A	1076	03	INSTALLED					
	MV-14-17	A	1078	03	INSTALLED					
	MV-14-18	A	1080	03	NOT INSTALLED					
	MV-14-19	A	1082	03	NOT INSTALLED					
	MV-14-20	A	1086	03	NOT INSTALLED					
	MV-14-9	A	1092	03	INSTALLED					
	V2504	A	1650	03	NOT INSTALLED					
	V2514 (FAI)	A	2124	03						
	V2525	A	1659	03	INSTALLED					
	V2553	A	1661	03	INSTALLED					
	V2554	A	1663	03	INSTALLED					
	V2555	A	1665	03	INSTALLED					
	V3456	A	1667	03	INSTALLED					
	V3457	A	1669	03	INSTALLED					
	V3480	A	1671	03	INSTALLED					
	V3481	A	1673	03	INSTALLED					
	V3517	A	1677	03	INSTALLED					
	V3523	A	2176	03						
	V3523 (LC) FAI	A	2128	03						
	V3536	A	1680	03	INSTALLED					
	V3539	A	1682	03	NOT INSTALLED					
	V3540	A	2145	03						
	V3540 (LC) FAI	A	2125	03						
	V3545	A	1685	03	INSTALLED					
	V3550	A	2174	02						
	V3550 (LC) FAI	A	2126	03						
	V3551	A	2175	02						
	V3551 (LC) FAI	A	2127	03						
	V3614	A	1692	03	INSTALLED					
	V3624	A	1695	03	INSTALLED					
	V3634	A	1697	03	INSTALLED					
	V3644	A	1700	03	INSTALLED					
	V3651	A	1702	03	INSTALLED					
	V3652	A	1704	03	INSTALLED					
	V3654	A	1706	03	INSTALLED					
	V3656	A	1708	03	INSTALLED					
	V3658	A	1710	03	INSTALLED					
	V3659	A	1712	03	INSTALLED					
	V3660	A	1714	03	INSTALLED					
	V3664	A	1716	03	INSTALLED					
	V3665	A	1718	03	INSTALLED					

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
3.2/9.2	FCV-07-1A	A	2023	03	INSTALLED	QUALIFIED FOR INTERIM OPERATION	1. UPDATE CES REV 3 WITH POSITIVE RESULTS OF THERMAL LAG ANALYSIS DATA FROM REF #2		EQ CORE	
	FCV-07-1B	A	2024	03	INSTALLED					
	FCV-23-3	A	0425	03	INSTALLED		2. PERFORM FIELD VERIFICATION OF LIMIT SWITCHES NOT YET INSTALLED (CHECK Z ELEVATION)		EQ CORE	
	FCV-23-5	A	0426	03	INSTALLED					
	FCV-23-7	A	0427	03	INSTALLED					
	FCV-23-9	A	0428	03	NOT INSTALLED					
	FCV-25-1	A	0429	03	INSTALLED					
	FCV-25-2	A	0442	03	NOT INSTALLED		3. MINOR BACK-UP DATA REQUESTS FROM VENDOR	06/30/82	NAMCO	
	FCV-25-21	A	0444	03	NOT INSTALLED					
	FCV-25-26	A	0447	03	NOT INSTALLED					
	FCV-25-3	A	0450	03	INSTALLED		4. MINOR ANALYSIS TO ESTABLISH QUALIFIED LIFE INTERVALS FOR EACH ITEM	05/23/83	EQ CORE	
	FCV-25-4	A	0461	03	INSTALLED					
	FCV-25-5	A	0462	03	INSTALLED					
	FCV-25-6	A	0463	03	INSTALLED					
	FCV-25-7	A	0464	03	NOT INSTALLED					
	FCV-25-8	A	0465	03	NOT INSTALLED					
	FCV-26-02	A	0050	03						
	FCV-26-04	A	0049	03						
	FCV-26-1	A	0466	03	NOT INSTALLED					
	FCV-26-2	A	0467	03	NOT INSTALLED					
	FCV-26-3	A	0045	03	NOT INSTALLED					
	FCV-26-4	A	0469	03	NOT INSTALLED					
	FCV-26-5	A	0470	03	INSTALLED					
	FCV-26-5	A	0046	03						
	FCV-26-6	A	0051	03						
	FCV-26-6	A	0471	03	NOT INSTALLED					
	HCV-08-1A	A	0742	03	NOT INSTALLED					
	HCV-08-1B	A	0743	03	INSTALLED					
	HCV-14-1	A	0748	03	NOT INSTALLED					
	HCV-14-2	A	0750	03	INSTALLED					
	HCV-14-3A	A	0751	03	INSTALLED					
	HCV-14-3B	A	0752	03	INSTALLED					
	HCV-14-6	A	0753	03	INSTALLED					
	HCV-14-7	A	0754	03	INSTALLED					
	HCV-15-1	A	0758	03	INSTALLED					
	HCV-18-1	A	0759	03	INSTALLED					
	HCV-25-1	A	0052	03	NOT INSTALLED					
	HCV-25-1A	A	0053	03	NOT INSTALLED					
	HCV-25-2	A	0054	03	INSTALLED					
	HCV-25-2A	A	0055	03	INSTALLED					
	HCV-25-3	A	0056	03	INSTALLED					
	HCV-25-3A	A	0057	03	INSTALLED					
	HCV-25-4	A	0058	03	NOT INSTALLED					
	HCV-25-4A	A	0059	03	NOT INSTALLED					
	HCV-25-5	A	0060	03	NOT INSTALLED					
	HCV-25-5A	A	0061	03	NOT INSTALLED					
	HCV-25-6A	A	2025	03	INSTALLED					

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
	HCV-25-7A	A	2026	03	INSTALLED					
	HCV-3618	A	0765	03	INSTALLED					
	HCV-3628	A	0769	03	INSTALLED					
	HCV-3638	A	0773	03	INSTALLED					
	HCV-3648	A	0777	03	INSTALLED					
	LCV-07-11A	A	0851	03	INSTALLED					
	LCV-07-11A	A	0047	03						
	LCV-07-11B	A	0048	03						
	LCV-07-11B	A	0852	03	INSTALLED					
	V2515	A	1657	03	INSTALLED					
	V2516	A	1658	03	INSTALLED					
	V2522	A	2020	03	NOT INSTALLED					
	V2523	A	2021	03	NOT INSTALLED					
	V2524	A	2022	03	INSTALLED					
	V3571	A	1689	03	INSTALLED					
	V3572	A	1690	03	INSTALLED					

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
35.1	FSE-27-10	A	0617	03	INSTALLED	QUALIFIED	1. VERIFY CONAX MODULE SEALS WHERE NOT NOW INSTALLED	09/30/82	ESSE	
	FSE-27-11	A	0618	03	INSTALLED					
	FSE-27-12	A	0619	03	NOT INSTALLED					
	FSE-27-13	A	0620	03	INSTALLED					
	FSE-27-14	A	0621	03	NOT INSTALLED					
	FSE-27-15	A	0622	03	INSTALLED					
	FSE-27-16	A	0623	03	INSTALLED					
	FSE-27-17	A	0624	03	INSTALLED					
	FSE-27-18	A	0625	03	INSTALLED					
	FSE-27-8	A	0626	03	INSTALLED					
	FSE-27-9	A	0627	03	INSTALLED					

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG.- PWR
UTILITY: FLORIDA POWER & LIGHT INDEX OF QUALIFICATION STATUS/PUNCHLIST ITEMS CAPACITY: 890 MW(E)

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
35.6	SE-02-01	A	1952	03	NOT INSTALLED	QUALIFIED-FOR INTERIM OPERATION	1. MINOR BACK-UP DATA REQUESTED FROM VENDOR VALVES	09/30/82	TARGET ROCK	
	SE-02-02	A	1953	03	INSTALLED		2. THERMAL LAG ANALYSIS TO BE PERFORMED	09/15/82	B ROSENSTR	
	SE-02-03	A	1954	03	INSTALLED					
	SE-02-04	A	1955	03	INSTALLED					
	SE-03-1A	A	1439	03	INSTALLED					
	SE-03-1B	A	1440	03	INSTALLED					
	SE-03-1C	A	1441	03	INSTALLED					
	SE-03-1D	A	1442	03	INSTALLED					
	SE-03-2A	A	1443	03	INSTALLED					
	SE-03-2B	A	1444	03	INSTALLED					
	SE-05-1A	A	0004	03	INSTALLED					
	SE-05-1B	A	0005	03	INSTALLED					
	SE-05-1C	A	0006	03	INSTALLED					
	SE-05-1D	A	0007	03	INSTALLED					
	SE-05-1E	A	0008	03	NOT INSTALLED					
	SE-08-1	A	1956	03	INSTALLED					
	SE-08-2	A	1957	03	NOT INSTALLED					
	SE-09-2	A	0009	03	NOT INSTALLED					
	SE-09-3	A	0010	03	NOT INSTALLED					
	SE-09-4	A	0011	03	NOT INSTALLED					
	SE-09-5	A	0012	03	NOT INSTALLED					

SORT TYPE:PACKAGE,TAG GLOBAL REV# 3 08/25/82

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
35.8	HCV-09-1A	A	0744	03	INSTALLED	QUALIFIED	1. A/D LTR FOR CLARIFICATION OF TEST REPORT	09/15/82	A/D	
							2. A/D LETTER FOR RESOLUTION OF PRESSURE PARAMETER	09/15/82	A/D	
	HCV-09-1B	A	0745	03	INSTALLED					
	HCV-09-2A	A	0746	03	INSTALLED					
	HCV-09-2B	A	0747	03	INSTALLED					

SORT TYPE:PACKAGE,TAG GLOBAL REV# 3 08/25/82

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
36.2	LS-06-1A	A	0874	03	NOT INSTALLED	QUALIFIED	NO OPEN ITEMS			
	LS-06-1B	A	0875	03	NOT INSTALLED					

SORT TYPE:PACKAGE,TAG GLOBAL REV# 3 08/25/82

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
39.1	TE-07-3A	A	2110	03	NOT INSTALLED	RETEST	1. UNDERGOING GENERIC 323-74 QUALIFICATION	01/31/83	CE/ RDF CORP	
	TE-07-3B	A	2111	03	NOT INSTALLED					
	TE-07-5A	A	2112	03	NOT INSTALLED					
	TE-07-5B	A	2113	03	NOT INSTALLED					
	TE-1111X	A	1520	02	INSTALLED					
	TE-1111Y	A	1521	02	INSTALLED					
	TE-1112CA	A	1522	02	NOT INSTALLED					
	TE-1112CB	A	1523	02	NOT INSTALLED					
	TE-1112CC	A	1524	02	INSTALLED					
	TE-1112CD	A	1525	02	NOT INSTALLED					
	TE-1112HA	A	1526	02	NOT INSTALLED					
	TE-1112HB	A	1527	02	NOT INSTALLED					
	TE-1112HC	A	1528	02	INSTALLED					
	TE-1112HD	A	1529	02	INSTALLED					
	TE-1115	A	1530	02	NOT INSTALLED					
	TE-1121X	A	1531	02	INSTALLED					
	TE-1121Y	A	1532	02	INSTALLED					
	TE-1122CA	A	1533	02	NOT INSTALLED					
	TE-1122CB	A	1534	02	NOT INSTALLED					
	TE-1122CC	A	1535	02	NOT INSTALLED					
	TE-1122CD	A	1536	02	NOT INSTALLED					
	TE-1122HA	A	1537	02	NOT INSTALLED					
	TE-1122HB	A	1538	02	INSTALLED					
	TE-1122HC	A	1539	02	INSTALLED					
	TE-1122HD	A	1540	02	NOT INSTALLED					
	TE-1125	A	1541	02	NOT INSTALLED					
	TE-3303W	A	1542	02	INSTALLED					
	TE-3303X	A	1543	02	INSTALLED					
	TE-3303Y	A	1544	02	INSTALLED					
	TE-3303Z	A	1545	02	INSTALLED					
	TE-3351X	A	1546	02	INSTALLED					
	TE-3351Y	A	1547	02	INSTALLED					
	TE-3352X	A	1548	02	INSTALLED					
	TE-3352Y	A	1549	02	INSTALLED					

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG.- PWR
UTILITY: FLORIDA POWER & LIGHT INDEX OF QUALIFICATION STATUS/PUNCHLIST ITEMS CAPACITY: 890 MW(E)

DOCUM. PACKAGE	TAG/ITEM REF#	10588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
4.1	2HVS-1A	A	1800	02	INSTALLED	QUALIFIED	NO OPEN ITEMS			
	2HVS-1B	A	1801	03	INSTALLED					
	2HVS-1C	A	1802	03	INSTALLED					
	2HVS-1D	A	1803	03	INSTALLED					

SORT TYPE:PACKAGE,TAG GLOBAL REV# 3 08/25/82

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG.- PWR
UTILITY: FLORIDA POWER & LIGHT INDEX OF QUALIFICATION STATUS/PUNCHLIST ITEMS CAPACITY: 890 MW(E) PAGE- 19

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
4.2	CSP 2A	A	0342	03	INSTALLED	QUALIFIED	NO OPEN ITEMS			
	CSP 2B	A	0344	03	INSTALLED					

SORT TYPE:PACKAGE,TAG GLOBAL REV# 3 08/25/82

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO: 2 NSSS: COMBUSTION ENG.- PWR
UTILITY: FLORIDA POWER & LIGHT INDEX OF QUALIFICATION STATUS/PUNCHLIST ITEMS CAPACITY: 890 MW(E)

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
4.3	AUX FWP 2A	A	0092	03	INSTALLED	QUALIFIED	1. MINOR COMMENTS TO CLARIFY TEST REPORT PAGE DISCREPANCIES AND MINOR WORDING ERRORS, NO EFFECT TO EQ FUNCTION	09/15/82	T ROGERS GE	
	AUX FWP 2B	A	0094	03	INSTALLED		2. MINOR THERMAL LAG ANALYSIS DUE FROM NUCLEAR TECHNOLOGIES GROUP AT EBASCO. DUE TO LARGE SIZE OF MOTOR, HIGH CONFIDENCE FOR QUALIFICATION IS EXPECTED	09/15/82	NUCLEAR TECH GROUP B ROSENSTR	
							3.OUTSTANDING NCR AGAINST THIS 508-8	09/15/82	J TWOMEY	

SORT TYPE:PACKAGE,TAG GLOBAL REV# 3 08/25/82

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
4.4	HPSI P 2A	A	0782	03	INSTALLED	QUALIFIED	NO OPEN ITEMS			
	HPSI P 2B	A	0783	03	INSTALLED					

SORT TYPE:PACKAGE,TAG GLOBAL REV# 3 08/25/82

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
4.5	LPSI P 2A	A	0865	03	INSTALLED	QUALIFIED	NO OPEN ITEMS			
	LPSI P 2B	A	0867	03	INSTALLED					

. SORT TYPE:PACKAGE,TAG GLOBAL REV# 3 08/25/82

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
4.6	CHGG P 2A	A	0180	03	INSTALLED	QUALIFIED	NO OPEN ITEMS			
	CHGG P 2B	A	0182	03	INSTALLED					
	CHGG P 2C	A	0184	03	INSTALLED					

DOCUM. PACKAGE	TAG/ITEM REF#	10588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
4.7	2HVE-6A	A	0142	03	INSTALLED	QUALIFIED	1. NEED RESPONSIBLE DISCIPLINE TO DATE AND SIGN-OFF NEW REVISION OF EBASCO SPECIFICATION FLO-2998.780A R4	09/15/82	EBASCO	
	2HVE-6B	A	0143	03	INSTALLED					
							2. VENDOR TO CONFIRM OUR CONCLUSION THAT THERE ARE NO KNOWN SYNERGISTIC EFFECTS (SL2-EQ-82-5-176)	09/30/82	WESTINGHOUSE	
							VENDOR TO CONFIRM THAT INSTRUMENTATION USED HAS BEEN CALIBRATED (WILL ACCEPT THAT THIS IS PROPRIETARY DATA AND MAY BE FOUND IN VENDOR VAULTS		WESTINGHOUSE	

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
4.8	2HVE-9A	A	1796	03	INSTALLED	QUALIFIED	1. VENDOR TO CONFIRM OUR CONCLUSION THAT THERE ARE NO SYNERGISTIC EFFECTS (SL2-EQ-82-5-176)	09/30/82	WESTING-HOUSE	
	2HVE-9B	A	1798	03	INSTALLED					
	2HVS-4A	A	1806	03	INSTALLED		VENDOR TO CONFIRM			
	2HVS-4B	A	1807	03	INSTALLED		INSTRUMENTATION CALIBRATED (WILL ACCEPT THIS AS PROPRIETARY DATA FOUND IN VENDOR VAULT)			
							2. SIGN OFF OF SPECIFICATION FLO 2998.780A R4	09/15/82	CALBUREANU	

DOCUM. PACKAGE	TAG/ITEM REF#	10588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
42.1	ID-1	A	0348	03		QUALIFIED	1. LIFE EXTENSION PLANNED-ANALYSIS TO BE PERFORMED	05/23/83	ITT GC	
							2. LETTER TO HVAC FOR HAVING SPEC SIGNED OFF	09/30/82	HVAC CALBUREANU	
	ID-13	A	0351	03	NOT INSTALLED					
	ID-14	A	0352	03	NOT INSTALLED					
	ID-15	A	0353	03	NOT INSTALLED					
	ID-16	A	0354	03	NOT INSTALLED					
	ID-2	A	0359	03	INSTALLED					
	ID-23	A	0363	03	INSTALLED					
	ID-24	A	0364	03	INSTALLED					
	ID-3	A	0366	03	NOT INSTALLED					
	ID-4	A	0375	03	NOT INSTALLED					
	ID-6A	A	0379	03	INSTALLED					
	ID-8A	A	0383	03	INSTALLED					
	ID-8B	A	0384	03	INSTALLED					
	ID-9A	A	0385	03	INSTALLED					
	ID-9B	A	0386	03	INSTALLED					

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG.- PWR
UTILITY: FLORIDA POWER & LIGHT INDEX OF QUALIFICATION STATUS/PUNCHLIST ITEMS CAPACITY: 890 MW(E)

DOCUM. PACKAGE	TAG/ITEM REF#	10588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
6.1	B/M D15 SERIES	A	1939	03	INSTALLED	QUALIFIED	NONE			

SORT TYPE:PACKAGE,TAG GLOBAL REV# 3 08/25/82

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
6.2	B/M D26 SERIES	A	1940	03	INSTALLED	QUALIFIED	1. QUALIFIED SPLICING DIRECTION		ELECTRICAL	
	B/M D52 SERIES	A	2007	03	INSTALLED					
	B/M D54 SERIES	A	2006	03	INSTALLED					
	B/M D60 SERIES	A	2011	03	INSTALLED					
	B/M D61 SERIES	A	2012	03	INSTALLED					
	B/M D62 SERIES	A	2009	03	INSTALLED					
	B/M D63 SERIES	A	2008	03	INSTALLED					
	B/M D71 SERIES	A	2010	03	INSTALLED					

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
6.3	B/M D80 SERIES	A	20021	02	INSTALLED	RETEST	1. VENDOR LETTER TO VERIFY NO SYNERGISTIC EFFECTS AND INSTRUMENTATION CALIBRATION AND SUBMERGENCE TESTING ON FIREWALL III COAXIAL CABLES (SL2-EQ-81-10-52)	09/30/82	ROCKBESTOS	
	B/M D80 SERIES	A	20021	02	INSTALLED		2. TEST REPORT SUBMITTED UNDER EBASCO REVIEW	09/30/82		

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
61.1	H2 RMB 2A	A	1941	02	INSTALLED	QUALIFIED	1. AWAITING MINOR ANALYSIS VERIFYING TEMPERATURE WITHSTAND CAPABILITIES OF CABLE	09/15/82	EQ CORE	
	H2 RMB 2B	A	1944	02	INSTALLED					

SORT TYPE:PACKAGE,TAG GLOBAL REV# 3 08/25/82

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
62.1	B/M D9 SERIES	A	1375	03		QUALIFIED-FOR INTERIM OPERATION	1. VENDOR QUAL REPORT AND THERMAL LAG ANALYSIS UNDER-WAY BY EBASCO TECHNOLOGIES GROUP	09/15/82	TELEDYNE THERMATICS EBASCO	
	B/M D9 SERIES	A	1375	03						

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
8.1	FT-09-2A1	A	0635	03	INSTALLED	QUALIFIED	1. CERTIFICATION OF PROVIDING QUALIFIED SEALS FOR TRANSMITTERS LOCATED IN LINE BREAK AREAS	09/30/82	LUNDGREN ELECTRICAL	
	FT-09-2A2	A	0636	03	INSTALLED					
	FT-09-2B1	A	0637	03	INSTALLED					
	FT-09-2B2	A	0638	03	INSTALLED					
	FT-09-2C1	A	0639	03	INSTALLED					
	FT-09-2C2	A	0640	03	INSTALLED					
	FT-2212	A	0655	03	INSTALLED					
	PDT-25-14A	A	1157	03	NOT INSTALLED					
	PDT-25-14B	A	1158	03	NOT INSTALLED					
	PT-07-2A	A	1306	03	NOT INSTALLED					
	PT-07-2B	A	1307	03	NOT INSTALLED					
	PT-07-2C	A	1308	03	NOT INSTALLED					
	PT-07-2D	A	1309	03	NOT INSTALLED					
	PT-08-1A	A	1310	03	INSTALLED					
	PT-08-1B	A	1311	03	INSTALLED					
	PT-08-3A	A	1312	03	INSTALLED					
	PT-08-3B	A	1313	03	NOT INSTALLED					
	PT-08-5	A	1314	03	INSTALLED					
	PT-09-8A	A	1315	03	INSTALLED					
	PT-09-8B	A	1316	03	INSTALLED					
	PT-09-8C	A	1317	03	INSTALLED					
	PT-2212	A	1330	03	INSTALLED					
							2. TABLE OF LIFE FOR EACH TRANSMITTER TAG NO. AT RESPECTIVE AMBIENT TEMP	05/23/83	EQ CORE	

DOCUM. PACKAGE	TAG/ITEM REF#	10588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
8.2	FT-1158	A	10641	03	INSTALLED	RETEST	1. UNDERGOING 323-74 QUALIFICATION TESTING	4TH QTR 1982	ITT BARTON/ CE (M CROSS)	
	FT-1168	A	10642	03	INSTALLED					
	FT-1178	A	10643	03	INSTALLED					
	FT-1188	A	10644	03	INSTALLED					
	LT-1104	A	10908	03	INSTALLED					
	LT-1105	A	10909	03	INSTALLED					
	LT-1110X	A	10910	03	INSTALLED					
	LT-1110Y	A	10911	03	INSTALLED					
	LT-9013A	A	10913	03	INSTALLED					
	LT-9013B	A	10914	03	INSTALLED					
	LT-9013C	A	10915	03	INSTALLED					
	LT-9013D	A	10916	03	INSTALLED					
	LT-9023A	A	10917	03	INSTALLED					
	LT-9023B	A	10918	03	INSTALLED					
	LT-9023C	A	10919	03	INSTALLED					
	LT-9023D	A	10920	03	INSTALLED					
	LT-9113	A	10921	03	INSTALLED					
	LT-9123	A	10922	03	INSTALLED					
	PDT-1111A	A	11145	03	INSTALLED					
	PDT-1111B	A	11146	03	INSTALLED					
	PDT-1111C	A	11147	03	INSTALLED					
	PDT-1111D	A	11148	03	INSTALLED					
	PDT-1121A	A	11149	03	INSTALLED					
	PDT-1121B	A	11150	03	INSTALLED					
	PDT-1121C	A	11151	03	INSTALLED					
	PDT-1121D	A	11152	03	INSTALLED					
	PT-1102A	A	11318	03	INSTALLED					
	PT-1102B	A	11319	03	INSTALLED					
	PT-1102C	A	11320	03	INSTALLED					
	PT-1102D	A	11321	03	INSTALLED					
	PT-1103	A	11322	03	INSTALLED					
	PT-1104	A	11323	03	INSTALLED					
	PT-1105	A	11324	03	INSTALLED					
	PT-1106	A	11325	03	INSTALLED					
	PT-1107	A	11326	03	INSTALLED					
	PT-1108	A	11327	03	INSTALLED					
	PT-8013A	A	11339	03	INSTALLED					
	PT-8013B	A	11340	03	INSTALLED					
	PT-8013C	A	11341	03	INSTALLED					
	PT-8013D	A	11342	03	INSTALLED					
	PT-8023A	A	11343	03	INSTALLED					
	PT-8023B	A	11344	03	INSTALLED					
	PT-8023C	A	11345	03	INSTALLED					
	PT-8023D	A	11346	03	INSTALLED					
	PT-8113	A	11347	03	INSTALLED					
	PT-8123	A	11348	03	NOT INSTALLED					

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
8.3	RD-26-3	A	1426	03	NOT INSTALLED	QUALIFIED	1. MINOR BACKUP DATA FROM VENDOR	09/15/82	GENERAL ATOMICS	
	RD-26-4	A	1427	03	NOT INSTALLED					
	RD-26-40	A	00018	03	NOT INSTALLED					
	RD-26-41	A	00019	03	NOT INSTALLED					
	RD-26-5	A	1428	03	NOT INSTALLED					
	RD-26-6	A	1429	03	NOT INSTALLED					

SORT TYPE:PACKAGE,TAG GLOBAL REV# 3 08/25/82

DOCUM. PACKAGE	TAG/ITEM REF#	10588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
9.1	ZS-25-116	A	00043	03	INSTALLED	QUALIFIED	1. MINOR DATA BACK-UP REQUEST FROM VENDOR	09/30/82	EQ CORE	
	ZS-25-117	A	00044	03	INSTALLED		REFLECTING ACTUAL MODEL #'S		CALBUREANU	
	ZS-25-118	A	00035	03	NOT INSTALLED		FIELD VERIFIED IN THE			
	ZS-25-119	A	00036	03	NOT INSTALLED		DAMPERS (E.G. MODEL EA180)			
	ZS-25-120	A	00031	03	NOT INSTALLED					
	ZS-25-121	A	00032	03	NOT INSTALLED		3. HVAC TO HAVE THE SPECIFI-	09/30/82	HVAC	
	ZS-25-122	A	00033	03	NOT INSTALLED		CATION SIGNED-OFF		CALBUREANU	
	ZS-25-123	A	00034	03	NOT INSTALLED					
	ZS-25-18	A	00029	03	NOT INSTALLED					
	ZS-25-19	A	00030	03	NOT INSTALLED					
	ZS-25-36	A	1854	03	INSTALLED					
	ZS-25-37	A	1855	03	INSTALLED					
	ZS-25-38	A	1856	03	INSTALLED					
	ZS-25-39	A	1857	03	INSTALLED					
	ZS-25-40	A	1859	02	INSTALLED					
	ZS-25-41	A	1860	03	NOT INSTALLED					
	ZS-25-42	A	1861	03	INSTALLED					
	ZS-25-43	A	1862	03	NOT INSTALLED					
	ZS-25-44	A	1863	03	INSTALLED					
	ZS-25-45	A	1866	03	INSTALLED					
	ZS-25-46	A	1869	03	INSTALLED					
	ZS-25-47	A	1872	03	INSTALLED					
	ZS-25-50	A	1878	03	NOT INSTALLED					
	ZS-25-52	A	1880	03	NOT INSTALLED					
	ZS-25-53	A	1883	03	NOT INSTALLED					
	ZS-25-54	A	1886	03	NOT INSTALLED					
	ZS-25-55	A	1889	03	NOT INSTALLED					
	ZS-25-56	A	1892	03	NOT INSTALLED					
	ZS-25-57	A	1895	03	NOT INSTALLED					
	ZS-25-58	A	1898	03	INSTALLED					
	ZS-25-58	A	00098	03	NOT INSTALLED					
	ZS-25-94	A	00041	03	NOT INSTALLED					
	ZS-25-95	A	00042	03	NOT INSTALLED					

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
9.3	ZS-25-11	A	1825	03	INSTALLED	QUALIFIED	NONE			
	ZS-25-12	A	1831	03	INSTALLED					
	ZS-25-13	A	1832	03	INSTALLED					
	ZS-25-14	A	1833	03	NOT INSTALLED					
	ZS-25-15	A	1834	03	NOT INSTALLED					
	ZS-25-16	A	1835	03	NOT INSTALLED					
	ZS-25-17	A	1836	03	NOT INSTALLED					
	ZS-25-2	A	1837	03	INSTALLED					
	ZS-25-3	A	1848	03	INSTALLED					
	ZS-25-30	A	1849	03						
	ZS-25-31	A	1850	03						
	ZS-25-32	A	1851	03						
	ZS-25-33	A	1852	03						
	ZS-25-35	A	1853	03						
	ZS-25-4	A	1858	03	NOT INSTALLED					
	ZS-25-5	A	1877	03	NOT INSTALLED					
	ZS-25-6	A	1904	03	INSTALLED					
	ZS-25-7	A	1912	03	INSTALLED					
	ZS-25-74	A	1915	03	NOT INSTALLED					
	ZS-25-75	A	1916	03	NOT INSTALLED					
	ZS-25-76	A	1917	03	NOT INSTALLED					
	ZS-25-77	A	1918	03	NOT INSTALLED					
	ZS-25-78	A	1919	03	NOT INSTALLED					
	ZS-25-79	A	1920	03	NOT INSTALLED					
	ZS-25-8	A	1921	03	INSTALLED					
	ZS-25-80	A	1922	03	NOT INSTALLED					
	ZS-25-81	A	1923	03	NOT INSTALLED					
	ZS-25-82	A	1924	03	NOT INSTALLED					
	ZS-25-83	A	1925	03	NOT INSTALLED					
	ZS-25-84	A	1926	03	NOT INSTALLED					
	ZS-25-85	A	1927	03	NOT INSTALLED					
	ZS-25-88	A	1928	03	NOT INSTALLED					
	ZS-25-89	A	1929	03	NOT INSTALLED					
	ZS-25-9	A	1930	03	INSTALLED					
	ZS-25-92	A	1931	03	NOT INSTALLED					
	ZS-25-93	A	1932	03	NOT INSTALLED					
	ZS-25-96	A	1933	03	NOT INSTALLED					
	ZS-25-97	A	1934	03	NOT INSTALLED					
9.3	ZS-25-10	A	1814	03	INSTALLED	QUALIFIED-AWAITING CONFIRMATORY DATA	NONE			

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG.- PWR
UTILITY: FLORIDA POWER & LIGHT INDEX OF QUALIFICATION STATUS/PUNCHLIST ITEMS CAPACITY: 890 MW(E) PAGE- 37

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
33.1	POLYWATER	B	0021	03	INSTALLED	QUALIFIED	NONE			

SORT TYPE:PACKAGE,TAG GLOBAL REV# 3 08/25/82

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
33.2	CPL/BISHOP 45	B	0020	03	INSTALLED	QUALIFIED-	NONE			

SORT TYPE:PACKAGE,TAG GLOBAL REV# 3 08/25/82

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
55.1	AUX FWP 2A PB	B	00093	03	INSTALLED	RETEST	1. VENDOR TO RESUBMIT EQ RPT INCORPORATING EBASCO COMMENTS(SL2-EQ-82-6-217) DATED 06/01/82	09/30/82	BROWN BOVERI	
	AUX FWP 2B PB	B	00095	03	INSTALLED					
	CHGG P 2A PB	B	00181	03	INSTALLED					
	CHGG P 2B PB	B	00183	03	INSTALLED					
	CHGG P 2C PB	B	00185	03	INSTALLED					
	CSP 2A PB	B	00343	03	INSTALLED					
	CSP 2B PB	B	00345	03	INSTALLED					
	FCV-25-11 PB	B	00431	03	NOT INSTALLED					
	FCV-25-12 PB	B	00433	03	NOT INSTALLED					
	FCV-25-13 PB	B	00435	03	NOT INSTALLED					
	FCV-25-29 PB	B	00449	03	NOT INSTALLED					
	FCV-25-30 PB	B	00452	03	NOT INSTALLED					
	FCV-25-31 PB	B	00454	03	NOT INSTALLED					
	FCV-25-32 PB	B	00456	03	NOT INSTALLED					
	FCV-25-33 PB	B	00458	03	NOT INSTALLED					
	FCV-25-34 PB	B	00460	03	NOT INSTALLED					
	FCV-3301 SS	B	00473	03	INSTALLED					
	FCV-3306 SS	B	00475	03	INSTALLED					
	HCV-3512 SS	B	00761	03	INSTALLED					
	HCV-3615 PB	B	00762	03	INSTALLED					
	HCV-3625 PB	B	00766	03	INSTALLED					
	HCV-3657 SS	B	00779	03	INSTALLED					
	LPSI P 2A PB	B	00866	03	INSTALLED					
	LPSI P 2B PB	B	00868	03	INSTALLED					
	MV-07-2A PB	B	10020	03	INSTALLED					
	MV-07-2B PB	B	10022	03	INSTALLED					
	MV-08-1A PB	B	10024	03	INSTALLED					
	MV-08-1B PB	B	10026	03	INSTALLED					
	MV-08-12 PB	B	10028	03	INSTALLED					
	MV-08-13 PB	B	10030	03	NOT INSTALLED					
	MV-08-14 SEL SW	B	10032	03	INSTALLED					
	MV-08-15 SEL SW	B	10035	03	NOT INSTALLED					
	MV-08-16 SEL SW	B	10038	03	INSTALLED					
	MV-08-17 SEL SW	B	10040	03	INSTALLED					
	MV-09-10 PB	B	10050	03	INSTALLED					
	MV-09-11 PB	B	10052	03	INSTALLED					
	MV-09-12 PB	B	10054	03	INSTALLED					
	MV-09-13 PB	B	10056	03	NOT INSTALLED					
	MV-09-14 PB	B	10058	03	INSTALLED					
	MV-09-9 PB	B	10061	03	NOT INSTALLED					
	MV-14-10 PB	B	10065	03	INSTALLED					
	MV-14-11 PB	B	10067	03	INSTALLED					
	MV-14-12 PB	B	10069	03	INSTALLED					
	MV-14-13 PB	B	10071	03	INSTALLED					
	MV-14-14 PB	B	10073	03	INSTALLED					
	MV-14-15 PB	B	10075	03	INSTALLED					
	MV-14-16 PB	B	10077	03	INSTALLED					

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
	MV-14-17 SS	B	1079	03	NOT INSTALLED					
	MV-14-18 SS	B	1081	03	NOT INSTALLED					
	MV-14-19 SS	B	1083	03	NOT INSTALLED					
	MV-14-20 SS	B	1087	03	NOT INSTALLED					
	MV-14-9 PB	B	1093	03	INSTALLED					
	V2504 PB	B	1651	03	INSTALLED					
	V2525 PB	B	1660	03	INSTALLED					
	V2553 PB	B	1662	03	INSTALLED					
	V2554 PB	B	1664	03	INSTALLED					
	V2555 PB	B	1666	03	INSTALLED					
	V3456 SS	B	1668	03	INSTALLED					
	V3457 SS	B	1670	03	INSTALLED					
	V3495 SS	B	1675	03	INSTALLED					
	V3496 SS	B	1676	03	INSTALLED					
	V3517 SS	B	1678	03	INSTALLED					
	V3523 SS	B	1679	03	INSTALLED					
	V3536 SS	B	1681	03	INSTALLED					
	V3539 SS	B	1683	03	INSTALLED					
	V3540 SS	B	1684	03	INSTALLED					
	V3550 SS	B	1687	03	INSTALLED					
	V3551 SS	B	1688	03	INSTALLED					
	V3654 SS	B	1707	03	INSTALLED					
	V3656 PB	B	1709	03	NOT INSTALLED					
	V3658 SS	B	1711	03	INSTALLED					
	V3659 SS	B	1713	03	INSTALLED					
	V3660 SS	B	1715	03	INSTALLED					
	V3664 SS	B	1717	03	INSTALLED					
	V3665 SS	B	1719	03	INSTALLED					
	V5203 SS	B	1723	03	INSTALLED					
	V5204 SS	B	1724	03	INSTALLED					
	V5205 SS	B	1725	03	INSTALLED					
	2HVE-10B PB	B	1790	03	INSTALLED					
	2HVE-6A PB	B	1794	03	NOT INSTALLED					
	2HVE-6B PB	B	1795	03	NOT INSTALLED					
	2HVE-9A PB	B	1797	03	NOT INSTALLED					
	2HVE-9B PB	B	1799	03	NOT INSTALLED					

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG.- PWR
UTILITY: FLORIDA POWER & LIGHT INDEX OF QUALIFICATION STATUS/PUNCHLIST ITEMS CAPACITY: 890 MW(E)

DOCUM. PACKAGE	TAG/ITEM REF#	0588 CAT	CES NO	REV #	REMARKS	STATUS	WORK ITEM DESCRIPTION	SCHEDULE DATE	RESPONSIBLE	PRIORITY
55.2	MV-08-14 STR	B	1033	02	NOT INSTALLED	RETEST	1. BROWN-BOVERI TO SUBMIT E.Q. IEEE-323-74 REPORT TO EBASCO BY 09/30/82(BOVERI LETTER DATED 07/26/82)	09/30/82	BROWN BOVERI ELECTRIC	
	MV-08-15 STR	B	1036	03	NOT INSTALLED					
	MV-08-19A STR	B	1044	03	INSTALLED					
	MV-08-19B STR	B	1046	03	INSTALLED					

SORT TYPE:PACKAGE,TAG GLOBAL REV# 3 08/25/82

EXPLANATION FOR COMPONENT EVALUATION INDEX LIST

THE COMPONENT EVALUATION LIST IN THE INDEX CONTAINS THE TAG NUMBER, CES NUMBER, REVISION NUMBER AND STATUS FOR EACH COMPONENT.
THE INDEX IS SEPARATED INTO THE FOLLOWING THREE SECTIONS:

A) COMPONENT EVALUATION LIST -
SORT BY ALPHANUMERIC TAG NUMBERS

B) COMPONENT EVALUATION LIST -
SORT BY SEQUENTIAL CES NUMBERS

C) COMPONENT EVALUATION LIST -
SORT BY REVISION/STATUS

THE TYPE OF SORT IS INDICATED AT THE TOP RIGHT HAND CORNER OF EACH SHEET IN THE INDEX.
THE STATUS FOR EACH COMPONENT MAY BE ONE OF THE FOLLOWING TYPES:

C - A CHANGE
N - A NEW RECORD
D - A DELETION
R - RECORD REMOVED

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
AM-201	0062	01		AM-205	0063	01		AM-209	0064	01		AM-237	0065	01	
AM-238	0066	01		AM-251	0067	01		AM-252	0068	01		AM-287	0069	01	
AM-290	0070	01		AM-629	0071	01		AM-630	0072	01		AM-832	0073	01	
AM-833	0074	01		AM-834	0075	01		AM-936	0076	01		AM-937	0077	01	
AM-942	0078	01		AM-955D	0079	01		AM-965D	0080	01		ANNW P-10	0081	02	R
ANNW R-33	0082	02	R	ANNW R-52	0083	02	R	ANNW-A-10	0084	02	R	ANNW-A-12	0085	02	R
AS-936	0086	01		AS-937	0087	01		AS-942	0088	01		AS-955D	0089	01	
AS-965D	0090	01		AUX FWP 2C	0091	02	R	AUX FWP 2A	0092	03	C	AUX FWP 2A PB	0093	03	C
AUX FWP 2B	0094	03	C	AUX FWP 2B PB	0095	03	C	AUX FWP 2C	0096	02	R	AX-1	0097	01	
B/M D15 SERIES	1939	03	C	B/M D26 SERIES	1940	03	C	B/M D52 SERIES	2007	03	C	B/M D54 SERIES	2006	03	C
B/M D60 SERIES	2011	03	C	B/M D61 SERIES	2012	03	C	B/M D62 SERIES	2009	03	C	B/M D63 SERIES	2008	03	C
B/M D71 SERIES	2010	03	C	B/M D80 SERIES	2002	03	C	B/M D9 SERIES	1375	03	C	BA CNDS P 2A	0099	02	R
BA CNDS P 2A S	0100	02	R	BA CNDS P 2B	0101	02	R	BA CNDS P 2B S	0102	02	R	BA M-U P 2A	0103	03	C
BA M-U P 2A SP	0104	02	R	BA M-U P 2A SS	0105	01		BA M-U P 2B	0106	03	C	BA M-U P 2B SP	0107	02	R
BA M-U P 2B SS	0108	01		BAT 2A	0109	01		BAT 2B	0110	01		B2D29	0111	02	R
B2D50	0112	02	R	B2E40	0113	01		B2E41	0114	01		B2E52	0115	01	
B2E53	0116	01		B2E90	0117	02		B2E98	0118	02		B2E99	0119	02	
B2G13	0120	02	R	B2G30	0121	03	C	B2G31	0122	03	C	B2G32	0123	03	C
B2G43	0124	02		B2G44	0125	02		B2G45	0126	02		B2G46	0127	02	
B2G47	0128	02		B2G64	0129	02		B2G65	0130	02		B2G66	0131	02	
B2G73	0132	02		B2G75	0133	02		B2G85	0134	01		B2G86	0135	01	
B2G87	0136	03		B2G88	0137	03		B2G89	0138	03		B2G90	0139	03	
B2G91	0140	03		B2G92	0141	03		B2G99	0144	02		B2R75	0146	02	R
B2R76	0147	02		B2R77	0148	02		B2R78	0149	02		B2R79	0150	02	R
B2R80	0151	02		B2069	0152	02		B2071	0153	02		B2075	0154	02	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
B2077	0155	02		B2078	0156	02		B2079	0157	02		B215A	0158	03	
B2166	0159	03		B2191	0160	03		B2192	0161	03		B2194	0162	03	
B2195	0163	03		B2197	0164	03		B2198	0165	03		B2349	0166	02	
B2351	0167	02		B257A	0168	03		B258A	0169	03		B2725	0170	03	
B2756	0171	03		B2982 (TIA-442	0172	01		B2984 (TIA-442	0173	01		CBL D9-1	0013	02	R
CBL D9-2	0014	02	R	CBL D9-3	0015	02	R	CBL D9-4	0016	02	R	CBL D9-5	0017	02	R
CCW P 2A	0174	01		CCW P 2A PB	0175	01		CCW P 2B	0176	01		CCW P 2B PB	0177	01	
CCW P 2C	0178	01		CCW P 2C PB	0179	01		CHGG P 2A	0180	03	C	CHGG P 2A PB	0181	03	C
CHGG P 2B	0182	03	C	CHGG P 2B PB	0183	03	C	CHGG P 2C	0184	03	C	CHGG P 2C PB	0185	03	C
CPL/BISHOP 45	0020	03	C	CS-A-1000	0186	01		CS-AA-1000	0187	01		CS-B-1000	0188	01	
CS-BB-1000	0189	01		CS-1154	0190	01		CS-1155	0191	01		CS-1156	0192	01	
CS-1157	0193	01		CS-1158	0194	01		CS-1159	0195	01		CS-1160	0196	01	
CS-1161	0197	01		CS-1164	0198	01		CS-1170	0199	01		CS-1171	0200	01	
CS-1172	0201	01		CS-1173	0202	02		CS-1174	0203	01		CS-1175	0204	01	
CS-1176	0205	01		CS-1177	0206	01		CS-1178	0207	01		CS-1190	0208	01	
CS-1191	0209	01		CS-157-1	0210	01		CS-157-2	0211	01		CS-1608-1	0212	01	
CS-1618-1	0213	01		CS-176-1	0214	01		CS-176-2	0215	01		CS-177	0216	01	
CS-178	0217	01		CS-179	0218	01		CS-189-1	0219	01		CS-189-2	0220	01	
CS-189-3	0221	01		CS-189-4	0222	01		CS-194-1	0223	01		CS-194-2	0224	01	
CS-2/576	0411	02	R	CS-201	0225	01		CS-202-1	0226	01		CS-202-2	0227	01	
CS-202-3	0228	01		CS-202-4	0229	01		CS-203	0230	01		CS-204	0231	01	
CS-205	0232	01		CS-207	0233	01		CS-208	0234	01		CS-209	0235	01	
CS-211-1	0236	01		CS-211-2	0237	01		CS-212-1	0238	01		CS-212-2	0239	01	
CS-212-3	0240	01		CS-212-4	0241	01		CS-228-1	0242	01		CS-229-1	0243	01	
CS-237	0244	01		CS-238	0245	01		CS-246-1	0246	01		CS-246-2	0247	01	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
CS-246-3	0248	01		CS-248-1	0249	01		CS-248-2	0250	01		CS-248-3	0251	01	
CS-251	0252	01		CS-252	0253	01		CS-287	0254	01		CS-290	0255	01	
CS-297	0256	01		CS-298	0257	01		CS-299	0258	01		CS-300	0259	01	
CS-302-1	0260	01		CS-302-2	0261	01		CS-303-1	0262	01		CS-303-2	0263	01	
CS-304	0264	01		CS-305	0265	01		CS-311	0266	01		CS-312	0267	01	
CS-314	0268	01		CS-315	0269	01		CS-317	0270	01		CS-490	0271	01	
CS-491	0272	01		CS-492	0273	01		CS-494	0274	01		CS-496	0275	01	
CS-503	0276	01		CS-504	0277	01		CS-505	0278	01		CS-506	0279	01	
CS-513	0280	01		CS-522	0281	01		CS-523	0282	01		CS-524	0283	01	
CS-525	0284	01		CS-536	0285	01		CS-586	0286	01		CS-608-1	0287	01	
CS-608-2	0288	01		CS-609-1	0289	01		CS-609-2	0290	01		CS-610-1	0291	01	
CS-610-2	0292	01		CS-611-1	0293	01		CS-611-2	0294	01		CS-612-1	0295	01	
CS-612-2	0296	01		CS-613-1	0297	01		CS-613-2	0298	01		CS-614	0299	02	R
CS-629-2	0300	01		CS-630	0301	01		CS-630-2	0302	01		CS-632-1	0303	01	
CS-632-2	0304	01		CS-633	0305	01		CS-638-1	0306	01		CS-638-2	0307	01	
CS-652-1	0308	01		CS-652-2	0309	01		CS-653-1	0310	01		CS-653-2	0311	01	
CS-832	0312	01		CS-833	0313	01		CS-834	0314	01		CS-835	0315	01	
CS-836	0316	01		CS-837	0317	01		CS-849	0318	01		CS-936	0319	01	
CS-937	0320	01		CS-938	0321	01		CS-939	0322	01		CS-940	0323	01	
CS-941	0324	01		CS-943	0325	01		CS-944	0326	01		CS-946	0327	01	
CS-948	0328	01		CS-953	0329	01		CS-957	0330	01		CS-958	0331	01	
CS-963	0332	01		CS-967	0333	01		CS-968	0335	01		CS-968	0334	01	
CS-977	0336	01		CS-978	0337	01		CS-979	0338	01		CS-980	0339	01	
CS-981	0340	01		CS-982	0341	01		CSP 2A	0342	03	C	CSP 2A PB	0343	03	
CSP 2B	0344	03	C	CSP 2B PB	0345	03	C	CVCS HT XFMR 2	0347	02	R	CVCS HT XFMR 2	0346	02	R

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
D-1	0348	03	C	D-12A (FC)	0349	01		D-12B (FC)	0350	01		D-13	0351	03	C
D-14	0352	03	C	D-15	0353	03	C	D-16	0354	03	C	D-17A (F.O.)	0355	01	
D-17B (F.O.)	0356	01		D-18 (F.O.)	0357	01		D-19 (F.O.)	0358	01		D-2	0359	03	C
D-20 (F.O.)	0360	01		D-21 (F.O.)	0361	01		D-22 (F.O.)	0362	01		D-23	0363	03	C
D-24	0364	03	C	D-29 (N.O.,F.C	0365	01		D-3	0366	03	C	D-30 (N.O.,F.C	0367	01	
D-31 (N.O.,F.C	0368	01		D-32 (N.O.,F.C	0369	01		D-33 (N.O.,F.C	0370	01		D-34 (N.O.,F.C	0371	01	
D-35 (N.O.,F.C	0372	01		D-4	0375	03	C	D-40	0376	01		D-6A	0379	03	C
D-7A (F.C.)	0381	01		D-7B (F.C.)	0382	01		D-8A	0383	03	C	D-8B	0384	03	C
D-9A	0385	03	C	D-9B	0386	03	C	DC BUS MA	0387	01		DC BUS MB	0388	01	
DC BUS MC	0389	01		DC BUS MD	0390	01		DC BUS 2A	0391	01		DC BUS 2AB	0392	01	
DC BUS 2B	0393	01		DG 2A	0394	01		DG 2A CT TB	0395	01		DG 2A TB	0396	01	
DG 2B	0397	01		DG 2B CT TB	0398	01		DG 2B TB	0399	01		DO TRANS P 2A	0400	01	
DO TRANS P 2B	0401	01		EHC-2HVE-6A1	0781	03	C	EHC-2HVE-6A2	2003	03	C	EHC-2HVE-6B1	2004	03	C
EHC-2HVE-6B2	2005	03	C	ENG 2A1 TB	0402	01		ENG 2A2 TB	0403	01		ENG 2B1 TB	0404	01	
ENG 2B2 TB	0405	01		ES-86	0407	02	R	ES-86	0406	02	R	ES-87	0408	02	R
ES-88	0409	02	R	ES-89	0410	02	R	FC-3301	0412	01		FC-3306	0413	01	
FCV-03-1A SS	0415	02	R	FCV-03-1A(FC)	0414	02	R	FCV-03-1B SS	0417	02	R	FCV-03-1B(FC)	0416	02	R
FCV-03-1C SS	0419	02	R	FCV-03-1C(FC)	0418	02	R	FCV-03-1D SS	0421	02	R	FCV-03-1D(FC)	0420	02	R
FCV-03-1E SS	0423	03	R	FCV-03-1E(FC)	0422	02	R	FCV-07-1A	2023	03	C	FCV-07-1A	2018	02	R
FCV-07-1A(,N.C	2029	02	R	FCV-07-1A(,N.C	2027	02	R	FCV-07-1A(,N.C	2033	02	R	FCV-07-1A(,N.C	2032	02	R
FCV-07-1B	2024	03	C	FCV-07-1B	2019	02	R	FCV-07-1B(,N.C	2028	02	R	FCV-07-1B(,N.C	2030	02	R
FCV-07-1B(,N.C	2034	02	R	FCV-2210Y (FC)	0424	01		FCV-23-3	0425	03	C	FCV-23-4CM	2040	03	C
FCV-23-5	0426	03	C	FCV-23-6(,F.C.	2116	03	N	FCV-23-6CM	2039	03	C	FCV-23-7	0427	03	C
FCV-23-9	0428	03	C	FCV-25-1	0429	03	C	FCV-25-11	0430	03	C	FCV-25-11 PB	0431	03	C
FCV-25-12	0432	03	C	FCV-25-12 PB	0433	03	C	FCV-25-13	0434	03	C	FCV-25-13 PB	0435	03	C

TAG #	CES#	REV.	STATUS
FCV-25-14 (,FA	0436	01	
FCV-25-15 (,FA	0437	01	
FCV-25-16 (,FA	0438	01	
FCV-25-17 (,FA	0439	01	
FCV-25-18	0440	01	
FCV-25-19	0441	01	
FCV-25-2	0442	03	C
FCV-25-20	0443	03	C
FCV-25-20CM	2043	03	C
FCV-25-21	0444	03	C
FCV-25-24	0445	01	
FCV-25-25	0446	01	
FCV-25-26	0447	03	C
FCV-25-29	0448	03	C
FCV-25-29 PB	0449	03	
FCV-25-3	0450	03	C
FCV-25-3CM	2041	03	C
FCV-25-30	0451	03	C
FCV-25-30 PB	0452	03	
FCV-25-31	0453	03	C
FCV-25-31 PB	0454	03	
FCV-25-32	0455	03	C
FCV-25-32 PB	0456	03	
FCV-25-33	0457	03	C
FCV-25-33 PB	0458	03	
FCV-25-34	0459	03	C
FCV-25-34 PB	0460	03	
FCV-25-4	0461	03	C
FCV-25-4CM	2042	03	C
FCV-25-5	0462	03	C
FCV-25-6	0463	03	C
FCV-25-7	0464	03	C
FCV-25-8	0465	03	C
FCV-26-02	0050	03	C
FCV-26-04	0049	03	C
FCV-26-1	0466	03	C
FCV-26-1CM	2035	03	C
FCV-26-1CM	2036	03	C
FCV-26-2	0467	03	C
FCV-26-3	0468	02	R
FCV-26-3	0045	03	C
FCV-26-3CM	2037	03	C
FCV-26-4	0469	03	C
FCV-26-5	0470	03	C
FCV-26-5	0046	03	C
FCV-26-5CM	2038	03	C
FCV-26-6	0051	03	C
FCV-26-6	0471	03	C
FCV-3301	0472	03	C
FCV-3301 SS	0473	03	
FCV-3306	0474	03	C
FCV-3306 SS	0475	03	
FF-07-1A1(206)	0476	01	
FF-07-1A2(206)	0477	01	
FF-07-1B1(206)	0478	01	
FF-07-2-2(206)	0479	01	
FF-07-2I(206)	0480	01	
FF-09-2A1(202)	0481	01	
FF-09-2A2(202)	0482	01	
FF-09-2B1(202)	0483	01	
FF-09-2C1(202)	0484	01	
FF-09-2C2(202)	0485	01	
FF-1158	0486	01	
FF-1168	0487	01	
FF-1188	0488	01	
FF-14-1A(206,5	0489	01	
FF-14-1B(206,V	0490	01	
FF-14-10A(206,	0491	01	
FF-14-10B(206)	0492	01	
FF-14-15A(,V)	0493	01	
FF-14-15B(,V)	0494	01	
FF-14-15C(,V)	0495	01	
FF-14-15D(,V)	0496	01	
FF-14-2(206)	0497	01	
FF-14-6(,5)	0498	01	
FF-25-18A	0499	01	
FF-25-18B	0500	01	
FF-25-19A1	0501	01	
FF-25-19B1	0502	01	
FF-25-19B2	0503	01	
FF-25-20A1	0504	01	
FF-25-20A2	0505	01	
FF-25-20B1	0506	01	
FF-25-20B2	0507	01	
FF-25-21A1	0508	01	
FF-25-21B1	0509	01	
FF-25-21B2	0510	01	
FI-07-1A(206)	0511	01	
FI-07-1B(206)	0512	01	
FI-07-2(206)	0513	01	
FI-09-2A(202)	0514	01	
FI-09-2B(202)	0515	01	
FI-09-2C(202)	0516	01	
FI-09-4A	0517	01	
FI-09-4B	0518	01	
FI-09-4C	0519	01	
FI-09-4D	0520	01	
FI-13-1	0521	01	
FI-13-2	0522	01	
FI-13-3	0523	01	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
FI-13-4	0524	01		FI-13-5	0525	01		FI-13-7	0526	01		FI-14-3A	0527	01	
FI-14-3B	0528	01		FI-14-4	0529	01		FI-21-8A	0530	02		FI-21-8B	0531	02	
FI-25-18A	0532	01		FI-25-18B	0533	01		FI-25-19A1	0534	01		FI-25-19B1	0535	01	
FI-25-21A1	0536	01		FI-25-21B1	0537	01		FI-3301	0538	01		FI-3301-1	0539	02	
FI-3306	0540	02		FI-3306-1	0541	02		FI-3311	0542	01		FI-3312	0543	01	
FI-3315	0544	01		FI-3321	0545	01		FI-3322	0546	01		FI-3325	0547	01	
FI-3331	0548	01		FI-3332	0549	01		FI-3341	0550	01		FI-3342	0551	01	
FIA-2212	0552	01		FIC-25-19A1	0553	01		FIC-25-19B1	0554	01		FIC-25-20A1	0555	01	
FIC-25-20B1	0556	01		FIC-25-21A1	0557	01		FIC-25-21B1	0558	01		FIC-3301	0559	02	
FIC-3306	0560	02		FIS-14-1A(206.	0561	01		FIS-25-20A1	0562	01		FIS-25-20B1	0563	01	
FM-1606	0564	02		FM-1616	0565	02		FP P 2A	0566	01		FP P 2A SS	0567	01	
FP P 2B	0568	01		FP P 2B SS	0569	01		FR-07-1A(206)	0570	01		FR-07-1B(206)	0571	01	
FR-09-2A(SP)	0573	01		FR-09-2A(202)	0572	01		FR-09-2B/ZE	0574	02	R	FR-09-2C	0575	02	R
FR-25-1A	0577	01		FR-25-1A	0576	01		FR-25-1B	0579	01		FR-25-1B	0578	01	
FR-3301	0580	01		FR-3301	0588	01		FR-3306	0581	01		FR-3313	0582	01	
FR-3317	0583	01		FR-3323	0584	01		FR-3327	0585	01		FR-3333	0586	01	
FR-3343	0587	01		FS-25-10A	0589	02	R	FS-25-10B	0590	01		FS-25-10C	0591	01	
FS-25-11A	0592	02		FS-25-11B	0593	02		FS-25-12A	0594	02		FS-25-12B	0595	01	
FS-25-16A	0596	01		FS-25-16B	0597	01		FS-25-2A	0598	02		FS-25-2B	0599	02	
FS-25-2C	0600	02		FS-25-2D	0601	02		FS-25-20A2	0602	01		FS-25-20B2	0603	01	
FS-25-22A	0604	01		FS-25-22B	0605	01		FS-25-23A	0606	01		FS-25-23B	0607	01	
FS-25-5A	0609	02		FS-25-5B	0610	02		FS-25-6A (,*)	0611	02		FS-25-6B (,*)	0612	02	
FS-25-7A	0613	02		FS-25-7B	0614	02		FS-25-9A	0615	01		FS-25-9B	0616	01	
FSE-27-10	0617	03	C	FSE-27-10CM	2046	03	C	FSE-27-11	0618	03	C	FSE-27-11CM	2047	03	C
FSE-27-12	0619	03	C	FSE-27-12CM	2048	03	C	FSE-27-13	0620	03	C	FSE-27-13CM	2049	03	C

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
FSE-27-14	0621	03	C	FSE-27-14CM	2050	03	C	FSE-27-15	0622	03	C	FSE-27-16	0623	03	C
FSE-27-17	0624	03	C	FSE-27-18	0625	03	C	FSE-27-8	0626	03	C	FSE-27-8CM	2044	03	C
FSE-27-9	0627	03	C	FSE-27-9CM	2045	03	C	FT-07-1A1	0628	01		FT-07-1A2	0629	01	
FT-07-1B1	0630	01		FT-07-1B2	0631	01		FT-07-2-1	0632	01		FT-07-2-1	0002	01	
FT-07-2-2	0633	01		FT-08-1B(, RUN	0634	02		FT-09-2A1	0635	03	C	FT-09-2A2	0636	03	C
FT-09-2B1	0637	03	C	FT-09-2B2	0638	03	C	FT-09-2C1	0639	03	C	FT-09-2C2	0640	03	C
FT-1158	0641	03	C	FT-1168	0642	03	C	FT-1178	0643	03	C	FT-1188	0644	03	C
FT-14-1A	0645	01		FT-14-1B	0646	01		FT-14-10A	0647	01		FT-14-10B	0648	01	
FT-14-15A	0649	01		FT-14-15B	0650	01		FT-14-15C	0651	01		FT-14-15D	0652	01	
FT-14-2	0653	01		FT-14-6	0654	01		FT-2212	0655	03	C	FT-25-18A	0656	01	
FT-25-18B	0657	01		FT-25-19A1	0658	01		FT-25-19A2	0659	01		FT-25-19B1	0660	01	
FT-25-19B2	0661	01		FT-25-20A1	0662	02		FT-25-20A2	0663	02		FT-25-20B1	0664	02	
FT-25-20B2	0665	02		FT-25-21A1	0666	02		FT-25-21A2	0667	02		FT-25-21B1	0668	01	
FT-25-21B2	0669	01		FT-3301	0670	01		FT-3306	0671	01		FT-3311	0672	01	
FT-3312	0673	01		FT-3313	0674	01		FT-3315	0675	01		FT-3317	0676	01	
FT-3321	0677	01		FT-3322	0678	01		FT-3323	0679	01		FT-3325	0680	01	
FT-3327	0681	01		FT-3331	0682	01		FT-3332	0683	01		FT-3333	0684	01	
FT-3341	0685	01		FT-3342	0686	01		FT-3343	0687	01		FY-1158	0688	02	
FY-1158-1	0689	02		FY-1158-2	0690	02		FY-1168	0691	02		FY-1168-1	0692	02	
FY-1168-2	0693	02		FY-1178	0694	02		FY-1178-1	0695	02		FY-1178-2	0696	02	
FY-1188	0697	02		FY-1188-1	0698	02		FY-1188-2	0699	02		FY-2212	0700	01	
FY-2212-1	0701	02		FY-2212-2	0702	02		FY-3301	0703	01		FY-3301-1	0704	02	
FY-3301-2	0705	02		FY-3306	0707	01		FY-3306-1	0708	02		FY-3306-2	0709	02	
FY-3306-3	0710	02		FY-3311	0711	02		FY-3311-1	0712	02		FY-3312	0713	02	
FY-3312-1	0714	02		FY-3313	0715	02		FY-3313-1	0716	02		FY-3315	0717	02	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
FY-3315-1	0718	02		FY-3317	0719	02		FY-3317-1	0720	02		FY-3321	0721	02	
FY-3321-1	0722	02		FY-3322	0723	02		FY-3322-1	0724	02		FY-3323	0725	02	
FY-3323-1	0726	02		FY-3325	0727	02		FY-3325-1	0728	02		FY-3327	0729	02	
FY-3327-1	0730	02		FY-3331	0731	02		FY-3332	0732	02		FY-3332-1	0733	02	
FY-3333	0734	02		FY-3333-1	0735	02		FY-3341	0736	02		FY-3341-1	0737	02	
FY-3342	0738	02		FY-3342-1	0739	02		FY-3343	0740	02		FY-3343-1	0741	02	
HCV-08-1A	0742	03	C	HCV-08-1B	0743	03	C	HCV-09-1A	0744	03	C	HCV-09-1A REL	1947	03	C
HCV-09-1B	0745	03	C	HCV-09-1B REL	1948	03	C	HCV-09-2A	0746	03	C	HCV-09-2A REL	1949	03	C
HCV-09-2B	0747	03	C	HCV-09-2B REL	1950	03	C	HCV-14-1	0748	03	C	HCV-14-1	0024	02	R
HCV-14-1CM	2051	03	C	HCV-14-10(,F.C	0749	02	R	HCV-14-2	0750	03	C	HCV-14-2CM	2052	03	C
HCV-14-3A	0751	03	C	HCV-14-3B	0752	03	C	HCV-14-6	0753	03	C	HCV-14-6	0025	02	R
HCV-14-7	0026	02	R	HCV-14-7	0754	03	C	HCV-14-8A(,F.C	0755	01		HCV-14-8B(,F.C	0756	02	R
HCV-14-9(,F.C,	0757	02	R	HCV-15-1	0758	03	C	HCV-18-1	0759	03	C	HCV-25-1	0052	03	C
HCV-25-1A	0053	03	C	HCV-25-2	0054	03	C	HCV-25-2A	0055	03	C	HCV-25-3	0056	03	C
HCV-25-3A	0057	03	C	HCV-25-4	0058	03	C	HCV-25-4A	0059	03	C	HCV-25-5	0060	03	C
HCV-25-5A	0061	03	C	HCV-25-6	2114	03	N	HCV-25-6A	2031	02	R	HCV-25-6A	2025	03	C
HCV-25-7	2115	03	N	HCV-25-7A	2026	03	C	HCV-3512	0760	03	C	HCV-3512 SS	0761	03	C
HCV-3615	0788	03	C	HCV-3615 PB	0762	03	C	HCV-3616	0789	02	R	HCV-3616 PB	0763	02	R
HCV-3617	0790	03	C	HCV-3617 PB	0764	02	R	HCV-3618	0765	03	C	HCV-3618CM	2053	03	C
HCV-3625	0791	03	C	HCV-3625 PB	0766	03	C	HCV-3626	0792	03	C	HCV-3626(FAI)	0767	02	R
HCV-3627	0793	03	C	HCV-3627(FAI)	0768	02	R	HCV-3628	0769	03	C	HCV-3628CM	2054	03	C
HCV-3635	0770	03	C	HCV-3635	0794	02	R	HCV-3636	0795	03	C	HCV-3636	0771	03	C
HCV-3637	0772	03	C	HCV-3637	0796	03	C	HCV-3638	0773	03	C	HCV-3638CM	2055	03	C
HCV-3645	0797	03	C	HCV-3645 (FAI)	0774	03	R	HCV-3646	0775	03	C	HCV-3646	0798	03	C
HCV-3647	0799	02	R	HCV-3647	0776	03	C	HCV-3648	0777	03	C	HCV-3648CM	2056	03	C

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION INDEX LIST CAPACITY: 890 MW(E) SORTED BY: TAG #

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
HCV-3657	0778	03	C	HCV-3657 SS	0779	03	C	HIC-09-1C(202)	0780	01		HPSI P 2A	0782	03	C
HPSI P 2B	0783	03	C	HS-1101A	0784	02		HS-1101B	0785	02		HS-1101C	0786	02	
HS-1101D	0787	02		H2 ANLR SAMPLE	1951	03	C	H2 ANLR SYSTEM	1938	03	C	H2 RMB 2A	1941	03	C
H2 RMB 2A CM	2108	03	C	H2 RMB 2A CP	1942	02		H2 RMB 2A PP	1943	02		H2 RMB 2B	1944	03	C
H2 RMB 2B CM	2109	03	C	H2 RMB 2B CP	1945	02		H2 RMB 2B PP	1946	02		INST BUS 2MA	0800	01	
INST BUS 2MB	0801	01		INST BUS 2MC	0802	01		INST BUS 2MD	0803	01		INT CGW P 2A	0804	01	
INT CGW P 2A P	0805	01		INT CGW P 2B	0806	01		INT CGW P 2B P	0807	01		INT CGW P 2C	0808	01	
INT CGW P 2C P	0809	01		IRS HDRZN P 2A	0811	01		IRS HDRZN P 2A	0810	01		IRS HDRZN P 2B	0813	02	
IRS HDRZN P 2B	0812	01		JI-001A	0814	02		JI-001B	0815	02		JI-001C	0816	02	
JI-001D	0817	02		JI-003A	0818	02		JI-003B	0819	02		JI-003C	0820	02	
JI-003D	0821	02		JI-004A	0822	02		JI-004B	0823	02		JI-004C	0824	02	
JI-004D	0825	02		JI-005A	0826	02		JI-005B	0827	02		JI-005C	0828	02	
JI-005D	0829	02		JI-006A	0830	02		JI-006B	0831	02		JI-006C	0832	02	
JI-006D	0833	02		JI-007A	0834	02		JI-007B	0835	02		JI-007C	0836	02	
JI-007D	0837	02		JI-1105	0838	02		JI-1106	0839	02		JKI-001A	0840	02	
JKI-001B	0841	1		JKI-001C	0842	1		JKI-001D	0843	1		JR-001A	0844	1	
JR-001B	0845	1		JR-001C	0846	1		JR-001D	0847	1		JR-012	0848	1	
JY-001A	0849	1		JY-001B	0850	1		LCV-07-11A	0851	03	C	LCV-07-11A	0047	03	C
LCV-07-11ACM	2057	03	C	LCV-07-11B	0048	03	C	LCV-07-11B	0852	03	C	LE-07-13A	2118	03	N
LE-07-13B	2119	03	N	LE-07-14A	2117	03	N	LI-1104	0853	01		LI-1105	0854	01	
LI-9113	0855	01		LI-9123	0856	01		LIA-2206	0857	01		LIA-2208	0858	01	
LIS-07-2A(206)	0859	01		LIS-07-2B(206)	0860	01		LIS-07-2C(206)	0861	01		LIS-07-2D(206)	0862	01	
LIS-07-9(206,A	0863	01		LIS-12-11(202,	0864	01		LPSI P 2A	0865	03	C	LPSI P 2A PB	0866	03	C
LPSI P 2B	0867	03	C	LPSI P 2B PB	0868	03	C	LR-07-2D(206)	0869	01		LR-1110	0870	01	
LR-1110X	0871	01		LR-9013D	0872	01		LR-9023D	0873	01		LS-06-1A	0874	03	C

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
LS-06-1B	0875	03	C	LS-06-40(206,A	0876	02		LS-06-41(206,A	0877	02		LS-07-10A	0878	01	
LS-07-10B	0879	01		LS-07-12(205,A	0880	02		LS-07-7A	0881	01		LS-07-7B	0882	01	
LS-07-7C	0883	01		LS-12-8(202-A,	0884	01		LS-14-1A(206,A	0885	01		LS-14-1B(206,A	0886	01	
LS-14-5(206,A,	0887	01		LS-14-6A	0888	01		LS-14-6B	0889	01		LS-17-10A(,A,D	0890	01	
LS-17-10B(,A,L	0891	01		LS-17-552A(,*,	0892	01		LS-17-552B(,*,	0893	01		LS-17-553A(,*,	0894	01	
LS-17-553B(,*,	0895	01		LS-21-5A	0896	01		LS-21-5B	0897	01		LS-2234X	0898	02	
LS-2234Y	0899	02		LS-2234Z	0900	02		LS-3-1,2 FS BO	0901	01		LS-4421	0902	01	
LT-07-13A	2120	03	N	LT-07-13B	2121	03	N	LT-07-14A	2122	03	N	LT-07-2A	0903	01	
LT-07-2B	0904	01		LT-07-2C	0905	01		LT-07-2D	0906	01		LT-07-9	0907	01	
LT-1104	0908	03	C	LT-1105	0909	03	C	LT-1110X	0910	03	C	LT-1110Y	0911	03	C
LT-12-11	0912	01		LT-9013A	0913	03	C	LT-9013B	0914	03	C	LT-9013C	0915	03	C
LT-9013D	0916	03	C	LT-9023A	0917	03	C	LT-9023B	0918	03	C	LT-9023C	0919	03	C
LT-9023D	0920	03	C	LT-9113	0921	03	C	LT-9123	0922	03	C	LY-1104	0923	01	
LY-1105	0924	01		LY-1110X-1	0925	01		LY-1110Y-1	0926	01		LY-9013A	0927	02	
LY-9013A-1	0928	01		LY-9013B	0929	01		LY-9013B-1	0930	01		LY-9013C	0931	01	
LY-9013C-1	0932	01		LY-9013D	0933	01		LY-9013D-1	0934	01		LY-9023A	0935	01	
LY-9023A-1	0936	01		LY-9023B	0937	01		LY-9023B-1	0938	01		LY-9023C	0939	01	
LY-9023C-1	0940	01		LY-9023D	0941	01		LY-9023D-1	0942	01		LY-9113	0943	01	
LY-9123	0944	01		MCC 2AB-AF	0945	01		MCC 2AB-BF	0946	02		MCC 2AB-BR	0947	02	
MCC 2AB-CF	0948	02		MCC 2AB-CR	0949	02		MCC 2AB-DF	0950	02		MCC 2AB-DR	0951	02	
MCC 2A5-AF	0952	02		MCC 2A5-AR	0953	02		MCC 2A5-BF	0954	02		MCC 2A5-BR	0955	02	
MCC 2A5-CF	0956	02		MCC 2A5-CR	0957	02		MCC 2A5-DF	0958	02		MCC 2A5-DR	0959	02	
MCC 2A5-EF	0960	02		MCC 2A5-ER	0961	02		MCC 2A5-FF	0962	02		MCC 2A5-FR	0963	02	
MCC 2A5-GF	0964	02		MCC 2A5-GR	0965	02		MCC 2A6-AF	0966	02		MCC 2A6-AR	0967	02	
MCC 2A6-BF	0968	02		MCC 2A6-BR	0969	02		MCC 2A6-CF	0970	02		MCC 2A6-CR	0971	02	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
MCC 2A6-DF	0972	02		MCC 2A6-DR	0973	02		MCC 2A6-EF	0974	02		MCC 2A6-ER	0975	02	
MCC 2A6-FF	0976	02		MCC 2A6-FR	0977	02		MCC 2A6-GF	0978	02		MCC 2A6-GR	0979	02	
MCC 2A7-B	0980	02		MCC 2A7-C	0981	02		MCC 2A8-A	0982	02		MCC 2A9-A	0983	02	
MCC 2A9-B	0984	02		MCC 2B5-AF (48	0985	01		MCC 2B5-AR	0986	02		MCC 2B5-BF	0987	02	
MCC 2B5-BR	0988	02		MCC 2B5-CF	0989	02		MCC 2B5-CR	0990	02		MCC 2B5-DF	0991	02	
MCC 2B5-DR	0992	02		MCC 2B5-EF	0993	02		MCC 2B5-ER	0994	02		MCC 2B5-FF	0995	02	
MCC 2B5-FR	0996	02		MCC 2B5-GF	0997	02		MCC 2B5-GR	0998	02		MCC 2B6-AF	0999	02	
MCC 2B6-AR	1000	02		MCC 2B6-BF	1001	02		MCC 2B6-BR	1002	02		MCC 2B6-CF	1003	02	
MCC 2B6-CR	1004	02		MCC 2B6-DF	1005	02		MCC 2B6-DR	1006	02		MCC 2B6-EF	1007	02	
MCC 2B6-GF	1008	02		MCC 2B6-HF	1009	02		MCC 2B6-HR	1010	02		MCC 2B7-B	1011	02	
MCC 2B7-C	1012	02		MCC 2B8-E	1013	02		MCC 2B9-A	1014	02		MCC 2B9-B	1015	02	
MV-07-1A PB	1017	02		MV-07-1A(RAS)	1016	01		MV-07-1B(RAS)	1018	01		MV-07-2A	1019	03	C
MV-07-2A PB	1020	03	C	MV-07-2B	1021	03	C	MV-07-2B PB	1022	03	C	MV-07-3	1812	02	
MV-07-4	1813	02		MV-08-1A	1023	03	C	MV-08-1A PB	1024	03	C	MV-08-1B	1025	03	C
MV-08-1B PB	1026	03	C	MV-08-12	1027	03	C	MV-08-12 PB	1028	03	C	MV-08-13	1029	03	C
MV-08-13 PB	1030	03	C	MV-08-14	1031	03	C	MV-08-14 SEL S	1032	03	C	MV-08-14 STR	1033	03	C
MV-08-15	1034	03	C	MV-08-15 SEL S	1035	03	C	MV-08-15 STR	1036	03	C	MV-08-16	1037	03	C
MV-08-16 SEL S	1038	03	C	MV-08-17	1039	03	C	MV-08-17 SEL S	1040	03	C	MV-08-18A	1041	03	C
MV-08-18B	1042	03	C	MV-08-19A	1043	03	C	MV-08-19A STR	1044	03	C	MV-08-19B	1045	03	C
MV-08-19B STR	1046	03	C	MV-08-3	1047	03	C	MV-09-09	0608	01		MV-09-1	1048	02	
MV-09-10	1049	03	C	MV-09-10 PB	1050	03	C	MV-09-11	1051	03	C	MV-09-11 PB	1052	03	C
MV-09-12	1053	03	C	MV-09-12 PB	1054	03	C	MV-09-13	1055	03	C	MV-09-13 PB	1056	03	C
MV-09-14	1057	03	C	MV-09-14 PB	1058	03	C	MV-09-2	1059	02		MV-09-9	1060	03	C
MV-09-9 PB	1061	03	C	MV-14-1 PB	1063	02		MV-14-1(,N.C.)	1062	01		MV-14-10	1064	03	C
MV-14-10 PB	1065	03	C	MV-14-11	1066	03	C	MV-14-11 PB	1067	03	C	MV-14-12	1068	03	C

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
MV-14-12 PB	1069	03	C	MV-14-13	1070	03	C	MV-14-13 PB	1071	03	C	MV-14-14	1072	03	C
MV-14-14 PB	1073	03	C	MV-14-15	1074	03	C	MV-14-15 PB	1075	03	C	MV-14-16	1076	03	C
MV-14-16 PB	1077	03	C	MV-14-17	1078	03	C	MV-14-17 SS	1079	03	C	MV-14-18	1080	03	C
MV-14-18 SS	1081	03	C	MV-14-19	1082	03	C	MV-14-19 SS	1083	03	C	MV-14-2 PB	1085	01	
MV-14-2(.N.C.)	1084	02		MV-14-20	1086	03	C	MV-14-20 SS	1087	03	C	MV-14-3 PB	1089	01	
MV-14-3(.N.C.)	1088	01		MV-14-4 PB	1091	01		MV-14-4(.N.C.)	1090	01		MV-14-9	1092	03	C
MV-14-9 PB	1093	03	C	MV-21-2 PB	1095	02		MV-21-2(.SIAS)	1094	01		MV-21-3 PB	1097	01	
MV-21-3(.SIAS)	1096	01		MV-21-4A PB	1099	01		MV-21-4A(.S1AS	1098	01		MV-21-4B PB	1101	01	
MV-21-4B(.S1AS	1100	01		MV-2514	1102	02		PA-1103	1103	01		PA-1103-1	1104	01	
PA-1104	1105	01		PA-1104-1	1106	01		PA-1104-2	1107	01		PA-1105	1108	01	
PA-1105-1	1109	01		PA-1106	1110	01		PA-1106-1	1111	01		PA-1106-2	1112	01	
PC-1103	1113	02		PC-1103-1	1114	01		PC-1104	1115	01		PC-1104-1	1116	01	
PC-1104-2	1117	01		PC-1105	1118	01		PC-1105-1	1119	01		PDI-1101A	1120	01	
PDI-1101B	1121	01		PDI-1101C	1122	01		PDI-1101D	1123	01		PDI-25-15A	1124	01	
PDI-25-15B	1125	01		PDIC-25-23B1	2123		N	PDIS-25-1A	1126	01		PDIS-25-1B	1127	01	
PDIS-25-23A	1128	01		PDIS-25-23B	1129	01		PDIS-25-5A	1130	01		PDIS-25-5B	1131	01	
PDIS-25-7A	1132	01		PDIS-25-7B	1133	01		PDIS-25-8A	1135	01		PDIS-25-8A	1134	01	
PDIS-25-8B	1136	01		PDIS-25-9A	1137	01		PDIS-25-9B	1138	01		PDS-25-13A	1139	01	
PDS-25-13B	1140	01		PDS-25-17A	1141	01		PDS-25-17B	1142	01		PDS-25-7A	1143	01	
PDS-25-7B	1144	01		PDT-1111A	1145	03	C	PDT-1111B	1146	03	C	PDT-1111C	1147	03	C
PDT-1111D	1148	03	C	PDT-1121A	1149	03	C	PDT-1121B	1150	03	C	PDT-1121C	1151	03	C
PDT-1121D	1152	03	C	PDT-25-1A	1153	01		PDT-25-1B	1154	01		PDT-25-13A	1155	01	
PDT-25-13B	1156	01		PDT-25-14A	1157	03	C	PDT-25-14B	1158	03	C	PDT-25-15A	1159	01	
PDT-25-15B	1160	01		PDT-25-16A	1161	01		PDT-25-16B	1162	01		PDT-25-17A	1163	01	
PDT-25-17B	1164	01		PDY-1101-A1	1165	02		PDY-1101-B1	1166	02		PDY-1101-C1	1167	02	

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION INDEX LIST CAPACITY: 890 MW(E) SORTED BY: TAG #

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
PDY-1101-D1	1168	02		PDY-1101A	1169	02		PDY-1101B	1170	02		PDY-1101C	1171	02	
PDY-1101D	1172	02		PDY-1111A	1173	02		PDY-1111A1	1174	02		PDY-1111B	1175	02	
PDY-1111B1	1176	02		PDY-1111C	1177	02		PDY-1111C1	1178	02		PDY-1111D	1179	02	
PDY-1111D1	1180	02		PDY-1121A	1181	02		PDY-1121A1	1182	02		PDY-1121B	1183	02	
PDY-1121B1	1184	02		PDY-1121C	1185	02		PDY-1121C1	1186	02		PDY-1121D	1187	02	
PDY-1121D1	1188	02		PENET A1	1976	03	C	PENET A2	1977	03	C	PENET A3	1978	03	C
PENET A4	1979	03	C	PENET A6	1980	03	C	PENET A7	1981	03	C	PENET A8	1982	03	C
PENET B1	1983	03	C	PENET B2	1984	03	C	PENET B3	1985	03	C	PENET B4	1189	03	C
PENET B5	1986	03	C	PENET B6	1987	03	C	PENET B7	1190	03	C	PENET B8	1988	03	C
PENET B9	1989	03	C	PENET C10	1968	03	C	PENET C2	1990	03	C	PENET C3	1991	03	R
PENET C3	1191	03	R	PENET C4	1992	03	C	PENET C5	1993	03	C	PENET C6	1994	03	C
PENET C7	1995	03	R	PENET C7	1192	03	C	PENET C8	1996	03	C	PENET C9	1997	03	C
PENET D1	1998	03	C	PENET D2	1999	03	C	PENET D3	2000	03	R	PENET D3	1193	03	C
PENET D5	1965	03	C	PENET D6	1969	03	C	PENET D7	1960	03	C	PENET D8	1959	03	C
PENET D9	1970	03	C	PENET ELEP-1	1967	03	C	PENET E1	1962	03	C	PENET E10	1964	03	C
PENET E2	1963	03	C	PENET E3	1961	03	C	PENET E4	1971	03	C	PENET E5	1972	03	C
PENET E6	1194	03	C	PENET E7	1973	03	C	PENET E8	1974	03	C	PENET E9	1975	03	C
PENET PLEP-1	1966	03	C	PI-07-4A	1195	01		PI-07-5A	1196	01		PI-08-5	1197	01	
PI-09-8A	1198	01		PI-09-8B	1199	01		PI-09-8C	1200	02		PI-1102A	1201	01	
PI-1102B	1202	01		PI-1102C	1203	01		PI-1102D	1204	01		PI-1103	1205	02	
PI-1104	1206	02		PI-1105	1207	02		PI-1106	1208	02		PI-1107	1209	01	
PI-1107(.1)	1210	1		PI-1108	1211	1		PI-1108(.1)	1212	1		PI-3304	1213	1	
PI-3307	1214	1		PI-3308	1215	1		PI-3309	1216	1		PI-8013A	1217	1	
PI-8013B	1218	1		PI-8013C	1219	1		PI-8013D	1220	1		PI-8023A	1221	02	
PI-8023B	1222	02		PI-8023C	1223	02		PI-8023D	1224	02		PI-8113	1225	02	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
PI-8123	1226	02		PIA-1102A	1227	01		PIA-1102B	1228	01		PIA-1102BLL	1229	02	
PIA-1102C	1230	01		PIA-1102CLL	1231	01		PIA-1102D	1232	01		PIA-1102DLL	1233	02	
PIA-2212	1234	01		PIC-08-1A(202)	1235	01		PIC-08-1B(202)	1236	01		PIC-1103	1237	01	
PIC-1104	1238	01		PIC-1105	1239	01		PIC-1106	1240	01		PIS-07-2A(206,	1241	01	
PIS-07-2B(206,	1242	01		PIS-07-2C(206,	1243	01		PIS-07-2D(206,	1244	01		PIS-07-3A (206	1245	01	
PIS-07-3B (206	1246	01		PIS-21-8A(202,	1247	01		PIS-21-8B(202,	1248	01		POLYWATER	0021	03	C
PP 201	1249	02		PP 201 XFMR	1250	02		PP 202	1251	02		PP 202 XFMR	1252	02	
PP 203	1253	02		PP 203 XFMR	1254	02		PP 206	1255	02		PP 211	1256	02	
PP 211 XFMR	1257	02		PP 212	1258	02		PP 212 XFMR	1259	02		PP 223	1260	02	
PP 232	1261	02		PP 233	1262	02		PP 238	1263	02		PP 239	1264	02	
PP 240	1265	02		PP 243	1266	02		PP 250	1267	02		PP 250 XFMR	1268	02	
PP 251	1269	02		PP 251 XFMR	1270	02		PR-07-4B	1271	02		PR-07-5B	1272	02	
PR-1107	1273	01		PR-25-1A	1275	01		PR-25-1A	1274	01		PR-25-1B	1277	01	
PR-25-1B	1276	01		PR-25-1B	1278	01		PR-3301	1279	01		PR-3302	1280	01	
PR-3305	1281	01		PR-3306	1282	01		PR-8013D	1283	02		PR-8023D	1284	02	
PS-08-12A	1285	02		PS-08-12B	1286	02		PS-08-6	1287	02		PS-1180	1288	02	
PS-12-17A	1289	02		PS-12-17B	1290	02		PS-12-17C	1291	02		PS-21-4A	1292	02	
PS-21-4B	1293	02		PS-21-4C	1294	02		PS-2224X	1295	02		PS-2224Y	1296	02	
PS-2224Z	1297	02		PS-23-3	1298	01		PS-23-4	1299	01		PS-23-5	1300	01	
PS-23-6	1301	01		PS-25-12A	1302	02		PS-25-12A(206,	1303	02	R	PS-25-12A(206,	1304	02	R
PS-25-12B	1305	02		PT-07-2A	1306	03	C	PT-07-2B	1307	03	C	PT-07-2C	1308	03	C
PT-07-2D	1309	03	C	PT-08-1A	1310	03	C	PT-08-1B	1311	03	C	PT-08-3A	1312	03	C
PT-08-3B	1313	03	C	PT-08-5	1314	03	C	PT-09-8A	1315	03	C	PT-09-8B	1316	03	C
PT-09-8C	1317	03	C	PT-1102A	1318	03	C	PT-1102B	1319	03	C	PT-1102C	1320	03	C
PT-1102D	1321	03	C	PT-1103	1322	03	C	PT-1104	1323	03	C	PT-1105	1324	03	C

TAG #	CES#	REV.	STA TUS	TAG #	CES#	REV.	STA TUS	TAG #	CES#	REV.	STA TUS	TAG #	CES#	REV.	STA TUS
PT-1106	1325	03	C	PT-1107	1326	03	C	PT-1108	1327	03	C	PT-21-8A	1328	01	
PT-21-8B	1329	01		PT-2212	1330	03	C	PT-3301	1331	01		PT-3302	1332	01	
PT-3304	1333	01		PT-3305	1334	01		PT-3306	1335	01		PT-3307	1336	01	
PT-3308	1337	01		PT-3309	1338	01		PT-8013A	1339	03	C	PT-8013B	1340	03	C
PT-8013C	1341	03	C	PT-8013D	1342	03	C	PT-8023A	1343	03	C	PT-8023B	1344	03	C
PT-8023C	1345	03	C	PT-8023D	1346	03	C	PT-8113	1347	03	C	PT-8123	1348	03	C
PY-07-2A	1349	02		PY-07-2A-1	1350	02		PY-07-2A-2	1351	02		PY-07-2B	1352	02	
PY-07-2B-1	1353	02		PY-07-2B-2	1354	02		PY-07-2C	1355	02		PY-07-2C-1	1356	02	
PY-07-2C-2	1357	02		PY-07-2D	1358	02		PY-07-2D-1	1359	02		PY-07-2D-2	1360	02	
PY-1102A	1361	01		PY-1102A-1	1362	02		PY-1102A-2	1363	02		PY-1102B	1364	01	
PY-1102B-1	1365	02		PY-1102B-2	1366	02		PY-1102C	1367	01		PY-1102C-1	1368	02	
PY-1102C-2	1369	02		PY-1102D	1370	01		PY-1102D-1	1371	1		PY-1102D-2	1372	1	
PY-1103	1373	1		PY-1103	373	1		PY-1103-1	374	1		PY-1103-1	1374	1	
PY-1104-1	1376	1		PY-1105	1377	1		PY-1105	377	1		PY-1105-1	378	1	
PY-1105-1	1378	1		PY-1106	1379	1		PY-1106-1	1380	1		PY-1106-1	380	1	
PY-1107	1381	02		PY-1107-1	1382	02		PY-1108	1383	02		PY-1108-1	1384	02	
PY-21-8A	1385	02		PY-21-8B	1386	02		PY-2212	1387	02		PY-3301	1388	02	
PY-3302	1389	02		PY-3304	1390	02		PY-3305	1391	02		PY-3306	1392	02	
PY-3307	1393	02		PY-3308	1394	02		PY-3309	1395	02		PY-8013A	1396	02	
PY-8013A-1	1397	02		PY-8013A-2	1398	02		PY-8013B	1399	02		PY-8013B-1	1400	02	
PY-8013B-2	1401	02		PY-8013C	1402	02		PY-8013C-1	1403	02		PY-8013C-2	1404	02	
PY-8013D	1405	02		PY-8013D-1	1406	02		PY-8013D-2	1407	02		PY-8023A	1408	02	
PY-8023A-1	1409	02		PY-8023A-2	1410	02		PY-8023B	1411	02		PY-8023B-1	1412	02	
PY-8023B-2	1413	02		PY-8023C	1414	02		PY-8023C-1	1415	02.		PY-8023C-2	1416	02	
PY-8023D	1417	02		PY-8023D-1	1418	02		PY-8023D-2	1419	02		PY-8113	1420	02	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
PY-8123	1421	02		QUALIFIED	0145	03	C	QUALIFIED COND	2001	02	R	RCP 2A1	1422	02	
RCP 2A2	1423	02		RCP 2B1	1424	02		RCP 2B2	1425	02		RD-26-3	1426	03	C
RD-26-4	1427	03	C	RD-26-40	0018	03	C	RD-26-41	0019	03	C	RD-26-5	1428	03	C
RD-26-6	1429	03	C	REAC TRIP SWGR	1434	02		REAC TRIP SWGR	1433	02		REAC TRIP SWGR	1432	02	
REAC TRIP SWGR	1431	02		REAC TRIP SWGR	1430	01		RIS-26-3-2A	1435	02		RIS-26-4-2B	1436	02	
RIS-26-5-2C	1437	02		RIS-26-6-2D	1438	02		SE-02-01	1952	03	C	SE-02-02	1953	03	C
SE-02-03	1954	03	C	SE-02-04	1955	03	C	SE-02-1CM	2058	03	C	SE-02-2CM	2059	03	C
SE-02-3CM	2060	03	C	SE-02-4CM	2061	03	C	SE-02-5	0003	02		SE-03-1A	1439	03	C
SE-03-1ACM	2062	03	C	SE-03-1B	1440	03	C	SE-03-1BCM	2063	03	C	SE-03-1C	1441	03	C
SE-03-1CCM	2064	03	C	SE-03-1D	1442	03	C	SE-03-1DCM	2065	03	C	SE-03-1E.....	1958	02	R
SE-03-2A	1443	03	C	SE-03-2ACM	2066	03	C	SE-03-2B	1444	03	C	SE-03-2BCM	2067	03	C
SE-05-1A	0004	03	C	SE-05-1B	0005	03	C	SE-05-1C	0006	03	C	SE-05-1D	0007	03	C
SE-05-1E	0008	03	C	SE-07-3A(,EQ.C	1445	01		SE-07-3B(,F.Q.	1446	01		SE-07-4CM	2068	02	
SE-07-5A	2168	03	N	SE-07-5E	2169	03	N	SE-08-1	1956	03	C	SE-08-2	1957	03	C
SE-09-2	0009	03	C	SE-09-3	0010	03	C	SE-09-4	0011	03	C	SE-09-5	0012	03	C
SE-17-1A	2164	03	N	SE-17-1A(,*)	1447	01		SE-17-1A(,BYPA	1448	01		SE-17-1B		03	N
SE-17-1B	2166	03	N	SE-17-1B(,*)	1449	01		SE-17-1B(,BYPA	1450	01		SE-17-2A(,*)	1451	01	
SE-17-2A(,BYPA	1452	01		SE-17-2B	2167	03	N	SE-17-2B(,*)	1453	01		SE-17-2B(,BYPA	1454	01	
SE-25-12	0022	02		SE-25-13	0023	02		SR-07-1A	1455	02	R	SR-07-1B	1456	02	R
SR-07-1C	1457	02	R	SR-18-6A	1458	02	R	SR-18-6B	1459	02	R	SR-29-10	1460	02	R
SR-29-11	1461	02	R	STA SERV XFMR	1465	01		STA SERV XFMR	1464	02	R	STA SERV XFMR	1463	01	
STA SERV XFMR	1462	02	R	STAT INVRT 2A	1466	01		STAT INVRT 2B	1467	01		STAT INVRT 2B	1468	02	R
STAT INVRT 2C	1469	02		STAT INVRT 2D	1470	02		SWGR 2AB-1 4KV	1471	01		SWGR 2AB-1 480	1472	01	
SWGR 2AB-1A	1473	01		SWGR 2AB-1B TB	1474	01		SWGR 2AB-1C TB	1475	01		SWGR 2AB-1D TB	1476	01	
SWGR 2AB-2 4KV	1477	01		SWGR 2AB-2 480	1478	01		SWGR 2AB-2A TB	1479	01		SWGR 2AB-2B TB	1480	01	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
SWGR 2AB-2C TB	1481	01		SWGR 2AB-3 4KV	1482	01		SWGR 2AB-4 4KV	1483	01		SWGR 2AB-5 4KV	1484	01	
SWGR 2A2-1 4KV	1485	02	R	SWGR 2A2-1 480	1486	02	R	SWGR 2A2-3 4KV	1487	02	R	SWGR 2A2-3 480	1488	02	R
SWGR 2A2-5 4KV	1489	02	R	SWGR 2A2-5 480	1490	02	R	SWGR 2A2-6 4KV	1491	02	R	SWGR 2A2-6 480	1492	02	R
SWGR 2A3-1 4KV	1493	01		SWGR 2A3-10 4K	1494	01		SWGR 2A3-11 4K	1495	01		SWGR 2A3-12 4K	1496	01	
SWGR 2A3-2 4KV	1497	01		SWGR 2A3-3 4KV	1498	01		SWGR 2A3-5 4KV	1499	01		SWGR 2A3-6 4KV	1500	01	
SWGR 2A3-7 4KV	1501	01		SWGR 2A3-8 4KV	1502	01		SWGR 2A3-9 4KV	1503	01		SWGR 2B2-2 4KV	1504	02	R
SWGR 2B2-2 480	1505	01		SWGR 2B2-5 4KV	1506	02	R	SWGR 2B2-5 480	1507	01		SWGR 2B2-7 4KV	1508	02	R
SWGR 2B2-7 480	1509	01		SWGR 2B3-1 4KV	1510	01		SWGR 2B3-10 4K	1511	01		SWGR 2B3-11 4K	1512	01	
SWGR 2B3-12 4K	1513	01		SWGR 2B3-4 4KV	1514	01		SWGR 2B3-5 4KV	1515	01		SWGR 2B3-6 4KV	1516	01	
SWGR 2B3-7 4KV	1517	01		SWGR 2B3-8 4KV	1518	01		SWGR 2B3-9 4KV	1519	01		TCV-14-4A	0027	02	
TCV-14-4B	0028	02		TE-07-3A	2110	03	N	TE-07-3A CM	2087	03	C	TE-07-3B	2111	03	N
TE-07-3B CM	2088	03	C	TE-07-5A	2112	03	N	TE-07-5B	2113	03	N	TE-07-5B CM	2089	03	C
TE-1111X	1520	03	C	TE-1111Y	1521	03	C	TE-1112CA	1522	03	C	TE-1112CACM	2069	03	C
TE-1112CB	1523	03	C	TE-1112CBCM	2070	03	C	TE-1112CC	1524	03	C	TE-1112CCCM	2071	03	C
TE-1112CD	1525	03	C	TE-1112CDCM	2072	03	C	TE-1112HA	1526	03	C	TE-1112HACM	2073	03	C
TE-1112HB	1527	03	C	TE-1112HBCM	2074	03	C	TE-1112HC	1528	03	C	TE-1112HCCM	2075	03	C
TE-1112HD	1529	03	C	TE-1112HDCM	2076	03	C	TE-1115	1530	03	C	TE-1115CM	2077	03	C
TE-1121X	1531	03	C	TE-1121Y	1532	03	C	TE-1122CA	1533	03	C	TE-1122CACM	2078	03	C
TE-1122CB	1534	03	C	TE-1122CBCM	2079	03	C	TE-1122CC	1535	03	C	TE-1122CCCM	2080	03	C
TE-1122CD	1536	03	C	TE-1122CDCM	2081	03	C	TE-1122HA	1537	03	C	TE-1122HACM	2082	03	C
TE-1122HB	1538	03	C	TE-1122HBCM	2083	03	C	TE-1122HC	1539	03	C	TE-1122HCCM	2084	03	C
TE-1122HD	1540	03	C	TE-1122HDCM	2085	03	C	TE-1125	1541	03	C	TE-1125CM	2086	03	C
TE-3303W	1542	03	C	TE-3303X	1543	03	C	TE-3303Y	1544	03	C	TE-3303Z	1545	03	C
TE-3351X	1546	03	C	TE-3351Y	1547	03	C	TE-3352X	1548	03	C	TE-3352Y	1549	03	C
TI-07-3A/5A	1550	01		TI-1102A	1551	01		TI-1102B	1552	01		TI-1102C	1553	01	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
TI-1102D	1554	01		TI-1115	1555	01		TI-1115-1	1556	01		TI-1125	1557	01	
TI-1125-1	1558	01		TI-3303X	1559	01		TI-3303Y	1560	01		TI-3351Y	1561	01	
TI-3352Y	1562	01		TR-07-3B/5B	1563	02		TR-07-5B	1564	02	R	TR-1115	1565	01	
TR-1125	1566	01		TR-25-1A	1567	01		TR-25-1A	1569	01		TR-25-1A	1568	01	
TR-25-1A	1571	01		TR-25-1A	1570	01		TR-25-1B	1573	01		TR-25-1B	1572	01	
TR-25-1B	1576	01		TR-25-1B	1575	01		TR-25-1B	1574	01		TR-25-2A	1577	01	
TR-25-2A	1581	01		TR-25-2A	1580	01		TR-25-2A	1579	01		TR-25-2A	1578	01	
TR-25-2A(HVCB.	1582	01		TR-25-2B	1583	01		TR-25-2B	1585	01		TR-25-2B	1584	01	
TR-25-2B	1586	01		TR-25-2B(HVCB.	1587	01		TR-3303W	1588	01		TR-3303Z	1589	01	
TR-3351	1590	02		TR-3352	1591	02		TY-07-3B	1592	02		TY-07-3B-1	1593	02	
TY-07-5B	1594	01		TY-07-5B-1	1595	02		TY-1112CA	1596	02		TY-1112CA-1	1597	02	
TY-1112CB	1598	02		TY-1112CB-1	1599	02		TY-1112CC	1600	02		TY-1112CC-1	1601	02	
TY-1112CD	1602	02		TY-1112CD-1	1603	02		TY-1112HA	1604	02		TY-1112HA-1	1605	02	
TY-1112HB	1606	02		TY-1112HB-1	1607	02		TY-1112HC	1608	02		TY-1112HC-1	1609	02	
TY-1112HD	1610	02		TY-1112HD-1	1611	02		TY-1115	1612	02		TY-1122CA	1613	02	
TY-1122CA-1	1614	02		TY-1122CB	1615	02		TY-1122CB-1	1616	02		TY-1122CC	1617	02	
TY-1122CC-1	1618	02		TY-1122CD	1619	02		TY-1122CD-1	1620	02		TY-1122HA	1621	02	
TY-1122HA-1	1622	02		TY-1122HB	1623	02		TY-1122HB-1	1624	02		TY-1122HC	1625	02	
TY-1122HC-1	1626	02		TY-1122HD	1627	02		TY-1125	1628	02		TY-3303W	1629	02	
TY-3303X	1630	02		TY-3303Y	1631	02		TY-3303Z	1632	02		TY-3351X	1633	02	
TY-3351Y	1634	02		TY-3352X	1635	02		TY-3352Y	1636	02		V-1476	2172	03	N
V-3733	2152	03	N	V-3734	2153	03	N	V-3735	2154	03	N	V-3736	2155	03	N
V-3737	2156	03	N	V-3738	2157	03	N	V-3739	2158	03	N	V-3740	2159	03	N
V-5200	2146	03	N	V-5201	2147	03	N	V-5202	2148	03	N	V-5203	2149	03	N
V-5204	2150	03	N	V-5205	2151	03	N	V-6341	2160	03	N	V-6718	2161	03	N

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
V-6741	2163	03	N	V-6750	2162	03	N	VARM-1606	1637	02		VARM-1616	1638	01	
VM-1001	1639	01		VM-1002	1640	01		VM-1606-1	1641	01		VM-1606D	1642	01	
VM-1616-1	1643	01		VM-1616D	1644	01		VM-942	1645	01		VM-954	1646	01	
VM-964	1647	01		V1427	2173	03	N	V1460	2133	03	N	V1460 CM	2090	03	C
V1461	2134	03	N	V1461 CM	2091	03	C	V1462	2135	03	N	V1462 CM	2092	03	C
V1463	2140	03	N	V1463 CM	2093	03	C	V1464	2136	03	N	V1464 CM	2095	03	C
V1464 CM	2094	02		V1465	2137	03	N	V1465 CM	2096	03	C	V1466	2138	03	N
V1466 CM	2097	03	C	V1474	2131	03	N	V1475	2132	03	N	V2104	1648	01	
V2501 (FAI)	1649	01		V2504	1650	03	C	V2504 PB	1651	03	C	V2505	2141	03	N
V2508	1652	02		V2508 PB	1653	02		V2509 (FAI)	1654	02		V2509 PB	1655	02	
V2512	2143	03	N	V2514	2139	03	N	V2514 (FAI)	2124	03	N	V2514 PB	1656	02	
V2515	1657	03	C	V2515 CM	2098	03	C	V2516	1658	03	C	V2516 CM	2099	03	C
V2522	2020	03	C	V2523	2021	03	C	V2524	2022	03	C	V2524 CM	2100	03	C
V2525	1659	03	C	V2525 PB	1660	03	C	V2553	1661	03	C	V2553 PB	1662	03	C
V2554	1663	03	C	V2554 PB	1664	03	C	V2555	1665	03	C	V2555 PB	1666	03	C
V2650	2142	03	N	V2651	2144	03	N	V3454	2177	03	N	V3456	1667	03	C
V3456 SS	1668	03	C	V3457	1669	03	C	V3457 SS	1670	03	C	V3480	1671	03	C
V3480 SS	1672	02		V3481	1673	03	C	V3481 SS	1674	02		V3495	2178	03	N
V3495 SS	1675	03	C	V3496 SS	1676	03	C	V3517	1677	03	C	V3517	0706	02	
V3517 SS	1678	03	C	V3523	2176	03	N	V3523 (LC) FAI	2128	03	D	V3523 SS	1679	03	C
V3536	1680	03	C	V3536 SS	1681	03	C	V3539	1682	03	C	V3539 SS	1683	03	C
V3540	2145	03	N	V3540 (LC) FAI	2125	03	N	V3540 SS	1684	03	C	V3545	1685	03	C
V3545 SS	1686	02		V3550	2174	03	N	V3550 (LC) FAI	2126	03	N	V3550 SS	1687	03	C
V3551	2175	03	N	V3551 (LC) FAI	2127	03	N	V3551 SS	1688	03	C	V3571	1689	03	C
V3571 CM	2101	03	C	V3572	1690	03	C	V3572 CM	2102	03	C	V3611	2179	03	N

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
V3611	2184	03	N	V3611	2183	03	N	V3613 SS	1691	01		V3614	1692	03	C
V3614 SS	1693	01		V3621	2185	03	N	V3621	2180	03	N	V3623 SS	1694	01	
V3624	1695	03	C	V3631	2181	03	N	V3631	2186	03	N	V3633 SS	1696	01	
V3634	1697	03	C	V3634 SS	1698	01		V3641	2182	03	N	V3643 SS	1699	01	
V3644	1700	03	C	V3644 SS	1701	01		V3651	1702	03	C	V3651 SS	1703	01	
V3652	1704	03	C	V3652 SS	1705	01		V3654	1706	03	C	V3654 SS	1707	03	C
V3656	1708	03	C	V3656 PB	1709	03	C	V3658	1710	03	C	V3658 SS	1711	03	C
V3659	1712	03	C	V3659 SS	1713	03	C	V3660	1714	03	C	V3660 SS	1715	03	C
V3664	1716	03	C	V3664 SS	1717	03	C	V3665	1718	03	C	V3665 SS	1719	03	C
V5200 CM	2103	02		V5200 SS	1720	02		V5201 CM	2104	02		V5201 SS	1721	02	
V5202 CM	2105	02		V5202 SS	1722	02		V5203 SS	1723	03	C	V5204 SS	1724	03	C
V5205 SS	1725	03	C	V6346 CM	2106	03	C	V6718 CM	2107	03	C	V6718(F.C)	2129	03	N
V6750(F.C)	2130	03	N	WCSF-N SERIES	1937	03	C	WG COMPR 2A	1726	01		WG COMPR 2A SS	1727	02	R
WG COMPR 2A TB	1728	02	R	WG COMPR 2B	1729	02	R	WG COMPR 2B SS	1730	02	R	WG COMPR 2B TB	1731	02	R
WHM-955D	1732	01		WHM-965D	1733	01		WM-1606-1	1735	01		WM-1606-1	1734	02	
X-1	1736	01		X-2	1737	01		X-3	1738	01		X-4	1739	01	
X-5	1740	01		X-6	1741	01		XD1-1	1742	01		XD1-2	1743	01	
XD1-3	1744	01		XD1-4	1745	01		XD1-5	1746	01		XD2-1	1747	01	
XD2-2	1748	01		XD2-3	1749	01		XD2-4	1750	01		XD2-5	1751	01	
XD3-1	1752	01		XD3-2	1753	01		XD3-3	1754	01		XD4-1	1755	01	
XD4-2	1756	01		XD4-3	1757	01		XD5-1	1758	01		XD5-2	1759	01	
XD5-3	1760	01		XD6-1	1761	01		XD6-2	1762	01		XD6-3	1763	01	
ZI-25-17	1764	02		ZI-3301	1765	01		ZI-3306	1766	01		ZI-3512	1767	01	
ZI-3523	1768	01		ZI-3536	1769	01		ZI-3539	1770	01		ZI-3540	1771	01	
ZI-3545	1772	01		ZI-3614	1773	01		ZI-3615	1774	01		ZI-3616	1775	01	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
ZI-3617	1776	01		ZI-3624	1777	01		ZI-3625	1778	01		ZI-3626	1779	01	
ZI-3627	1780	01		ZI-3634	1781	01		ZI-3635	1782	01		ZI-3636	1783	01	
ZI-3637	1784	01		ZI-3644	1785	01		ZI-3645	1786	01		ZI-3646	1787	01	
ZI-3647	1788	01		ZI-3657	1789	01		ZS-25-10	1814	03	C	ZS-25-100	1815	01	
ZS-25-101	1816	02		ZS-25-102	1817	01		ZS-25-103	1818	01		ZS-25-104	1819	01	
ZS-25-105	1820	01		ZS-25-106	1821	01		ZS-25-107	1822	01		ZS-25-108	1823	01	
ZS-25-109	1824	01		ZS-25-11	1825	03	C	ZS-25-110	1826	01		ZS-25-111	1827	01	
ZS-25-112	1828	01		ZS-25-113	1829	01		ZS-25-114	1830	02	R	ZS-25-116	0043	03	C
ZS-25-117	0044	03	C	ZS-25-118	0035	03	C	ZS-25-119	0036	03	C	ZS-25-12	1831	03	C
ZS-25-120	0031	03	C	ZS-25-121	0032	03	C	ZS-25-122	0033	03	C	ZS-25-123	0034	03	C
ZS-25-13	1832	03	C	ZS-25-14	1833	03	C	ZS-25-15	1834	03	C	ZS-25-16	1835	03	C
ZS-25-17	1836	03	C	ZS-25-18	0029	03	C	ZS-25-19	0030	03	C	ZS-25-2	1837	03	C
ZS-25-20	1838	02		ZS-25-21	1839	01		ZS-25-22	1840	01		ZS-25-23	1841	01	
ZS-25-24	1842	01		ZS-25-25	1843	01		ZS-25-26	1844	01		ZS-25-27	1845	01	
ZS-25-28	1846	01		ZS-25-29	1847	01		ZS-25-3	1848	03	C	ZS-25-30	1849	03	C
ZS-25-31	1850	03	C	ZS-25-32	1851	03	C	ZS-25-33	1852	03	C	ZS-25-35	1853	03	C
ZS-25-36	1854	03	C	ZS-25-37	1855	03	C	ZS-25-38	1856	03	C	ZS-25-39	1857	03	C
ZS-25-4	1858	03	C	ZS-25-40	1859	03	C	ZS-25-41	1860	03	C	ZS-25-42	1861	03	C
ZS-25-43	1862	03	C	ZS-25-44	1863	03	C	ZS-25-44A	1864	02	R	ZS-25-44B	1865	02	R
ZS-25-45	1866	03	C	ZS-25-45A	1867	02	R	ZS-25-45B	1868	02	R	ZS-25-46	1869	03	C
ZS-25-46A	1870	02	R	ZS-25-46B	1871	02	R	ZS-25-47	1872	03	C	ZS-25-47A	1873	02	R
ZS-25-47B	1874	02	R	ZS-25-48	1875	02		ZS-25-49	1876	01		ZS-25-5	1877	03	C
ZS-25-50	1878	03	C	ZS-25-51	1879	01		ZS-25-52	1880	03	C	ZS-25-52A	1881	02	R
ZS-25-52B	1882	02	R	ZS-25-53	1883	03	C	ZS-25-53A	1884	02	R	ZS-25-53B	1885	02	R
ZS-25-54	1886	03	C	ZS-25-54A	1887	02	R	ZS-25-54B	1888	02	R	ZS-25-55	1889	03	C

A/E: EBASCO SERVICES INC.
UTILITY: FLORIDA POWER & LIGHT

FACILITY: ST. LUCIE NO. 2
COMPONENT EVALUATION INDEX LIST

NSSS: COMBUSTION ENG. - PWR
CAPACITY: 890 MW(E)

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
ZS-25-55A	1890	02	R	ZS-25-55B	1891	02	R	ZS-25-56	1892	03	C	ZS-25-56A	1893	02	R
ZS-25-56B	1894	02	R	ZS-25-57	1895	03	C	ZS-25-57A	1896	02	R	ZS-25-57B	1897	02	R
ZS-25-58	1898	03	C	ZS-25-58	0098	03	C	ZS-25-58A	1899	02	R	ZS-25-58B	1900	02	R
ZS-25-59	1901	01		ZS-25-59A	1902	02	R	ZS-25-59B	1903	02	R	ZS-25-6	1904	03	C
ZS-25-60	1905	02		ZS-25-62	1906	02		ZS-25-63	1907	01		ZS-25-64	1908	02	
ZS-25-65	1909	02		ZS-25-66	1910	02		ZS-25-67	1911	02		ZS-25-7	1912	03	C
ZS-25-72	1913	01		ZS-25-73	1914	01		ZS-25-74	1915	03	C	ZS-25-75	1916	03	C
ZS-25-76	1917	03	C	ZS-25-77	1918	03	C	ZS-25-78	1919	03	C	ZS-25-79	1920	03	C
ZS-25-8	1921	03	C	ZS-25-80	1922	03	C	ZS-25-81	1923	03	C	ZS-25-82	1924	03	C
ZS-25-83	1925	03	C	ZS-25-84	1926	03	C	ZS-25-85	1927	03	C	ZS-25-86	0037	02	
ZS-25-87	0038	02		ZS-25-88	1928	03	C	ZS-25-89	1929	03	C	ZS-25-9	1930	03	C
ZS-25-90	0039	02		ZS-25-91	0040	02		ZS-25-92	1931	03	C	ZS-25-93	1932	03	C
ZS-25-94	0041	03	C	ZS-25-95	0042	03	C	ZS-25-96	1933	03	C	ZS-25-97	1934	03	C
ZS-25-98	1935	01		ZS-25-99	1936	01		2HVA/ACC-3A	2013	02		2HVA/ACC-3A TH	2014	02	
2HVA/ACC-3B	2015	02		2HVA/ACC-3C	2016	02		2HVA/ACC-3C TH	2017	02		2HVE-10B PB	1790	03	C
2HVE-13A PB	1791	01		2HVE-13B PB	1792	01		2HVE-41A SS	1793	01		2HVE-6A	0142	03	C
2HVE-6A PB	1794	03	C	2HVE-6B	0143	03	C	2HVE-6B PB	1795	03	C	2HVE-9A	1796	03	C
2HVE-9A PB	1797	03	C	2HVE-9B	1798	03	C	2HVE-9B PB	1799	03	C	2HVS-1A	1800	03	C
2HVS-1B	1801	03	C	2HVS-1C	1802	03	C	2HVS-1D	1803	03	C	2HVS-2A	1804	02	
2HVS-2B	1805	02		2HVS-4A	1806	03	C	2HVS-4B	1807	03	C	2L-7A	2170	03	N
2L-7B	2171	03	N	2RV-1 SS	1808	01		2RV-2 SS	1809	02		2RV-3 SS	1810	02	
2RV-4 SS	1811	02													

A/E: EBASCO SERVICES INC.
UTILITY: FLORIDA POWER & LIGHT

FACILITY: ST. LUCIE NO. 2
COMPONENT EVALUATION INDEX LIST

NSSS: COMBUSTION ENG. - PWR
CAPACITY: 890 MW(E)

REV # 3
SORTED BY: CES #

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
SE-17-1B		03	N	FT-07-2-1	0002	01		SE-02-5	0003	02		SE-05-1A	0004	03	C
SE-05-1B	0005	03	C	SE-05-1C	0006	03	C	SE-05-1D	0007	03	C	SE-05-1E	0008	03	C
SE-09-2	0009	03	C	SE-09-3	0010	03	C	SE-09-4	0011	03	C	SE-09-5	0012	03	C
CBL D9-1	0013	02	R	CBL D9-2	0014	02	R	CBL D9-3	0015	02	R	CBL D9-4	0016	02	R
CBL D9-5	0017	02	R	RD-26-40	0018	03	C	RD-26-41	0019	03	C	CPL/BISHOP 45	0020	03	C
POLYWATER	0021	03	C	SE-25-12	0022	02		SE-25-13	0023	02		HCV-14-1	0024	02	R
HCV-14-6	0025	02	R	HCV-14-7	0026	02	R	TCV-14-4A	0027	02		TCV-14-4B	0028	02	
ZS-25-18	0029	03	C	ZS-25-19	0030	03	C	ZS-25-120	0031	03	C	ZS-25-121	0032	03	C
ZS-25-122	0033	03	C	ZS-25-123	0034	03	C	ZS-25-118	0035	03	C	ZS-25-119	0036	03	C
ZS-25-86	0037	02		ZS-25-87	0038	02		ZS-25-90	0039	02		ZS-25-91	0040	02	
ZS-25-94	0041	03	C	ZS-25-95	0042	03	C	ZS-25-116	0043	03	C	ZS-25-117	0044	03	C
FCV-26-3	0045	03	C	FCV-26-5	0046	03	C	LCV-07-11A	0047	03	C	LCV-07-11B	0048	03	C
FCV-26-04	0049	03	C	FCV-26-02	0050	03	C	FCV-26-6	0051	03	C	HCV-25-1	0052	03	C
HCV-25-1A	0053	03	C	HCV-25-2	0054	03	C	HCV-25-2A	0055	03	C	HCV-25-3	0056	03	C
HCV-25-3A	0057	03	C	HCV-25-4	0058	03	C	HCV-25-4A	0059	03	C	HCV-25-5	0060	03	C
HCV-25-5A	0061	03	C	AM-201	0062	01		AM-205	0063	01		AM-209	0064	01	
AM-237	0065	01		AM-238	0066	01		AM-251	0067	01		AM-252	0068	01	
AM-287	0069	01		AM-290	0070	01		AM-629	0071	01		AM-630	0072	01	
AM-832	0073	01		AM-833	0074	01		AM-834	0075	01		AM-936	0076	01	
AM-937	0077	01		AM-942	0078	01		AM-955D	0079	01		AM-965D	0080	01	
ANNW P-10	0081	02	R	ANNW R-33	0082	02	R	ANNW R-52	0083	02	R	ANNW-A-10	0084	02	R
ANNW-A-12	0085	02	R	AS-936	0086	01		AS-937	0087	01		AS-942	0088	01	
AS-955D	0089	01		AS-965D	0090	01		AUX FWP 2C	0091	02	R	AUX FWP 2A	0092	03	C
AUX FWP 2A PB	0093	03	C	AUX FWP 2B	0094	03	C	AUX FWP 2B PB	0095	03	C	AUX FWP 2C	0096	02	R
AX-1	0097	01		ZS-25-58	0098	03	C	BA CNDS P 2A	0099	02	R	BA CNDS P 2A S	0100	02	R

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
BA CNDS P 2B	0101	02	R	BA CNDS P 2B S	0102	02	R	BA M-U P 2A	0103	03	C	BA M-U P 2A SP	0104	02	R
BA M-U P 2A SS	0105	01		BA M-U P 2B	0106	03	C	BA M-U P 2B SP	0107	02	R	BA M-U P 2B SS	0108	01	
BAT 2A	0109	01		BAT 2B	0110	01		B2D29	0111	02	R	B2D50	0112	02	R
B2E40	0113	01		B2E41	0114	01		B2E52	0115	01		B2E53	0116	01	
B2E90	0117	02		B2E98	0118	02		B2E99	0119	02		B2G13	0120	02	R
B2G30	0121	03	C	B2G31	0122	03	C	B2G32	0123	03	C	B2G43	0124	02	
B2G44	0125	02		B2G45	0126	02		B2G46	0127	02		B2G47	0128	02	
B2G64	0129	02		B2G65	0130	02		B2G66	0131	02		B2G73	0132	02	
B2G75	0133	02		B2G85	0134	01		B2G86	0135	01		B2G87	0136	03	
B2G88	0137	03		B2G89	0138	03		B2G90	0139	03		B2G91	0140	03	
B2G92	0141	03		2HVE-6A	0142	03	C	2HVE-6B	0143	03	C	B2G99	0144	02	
QUALIFIED	0145	03	C	B2R75	0146	02	R	B2R76	0147	02		B2R77	0148	02	
B2R78	0149	02		B2R79	0150	02	R	B2R80	0151	02		B2069	0152	02	
B2071	0153	02		B2075	0154	02		B2077	0155	02		B2078	0156	02	
B2079	0157	02		B215A	0158	03		B2166	0159	03		B2191	0160	03	
B2192	0161	03		B2194	0162	03		B2195	0163	03		B2197	0164	03	
B2198	0165	03		B2349	0166	02		B2351	0167	02		B257A	0168	03	
B258A	0169	03		B2725	0170	03		B2756	0171	03		B2982 (TIA-442	0172	01	
B2984 (TIA-442	0173	01		CCW P 2A	0174	01		CCW P 2A PB	0175	01		CCW P 2B	0176	01	
CCW P 2B PB	0177	01		CCW P 2C	0178	01		CCW P 2C PB	0179	01		CHGG P 2A	0180	03	C
CHGG P 2A PB	0181	03	C	CHGG P 2B	0182	03	C	CHGG P 2B PB	0183	03	C	CHGG P 2C	0184	03	C
CHGG P 2C PB	0185	03	C	CS-A-1000	0186	01		CS-AA-1000	0187	01		CS-B-1000	0188	01	
CS-BB-1000	0189	01		CS-1154	0190	01		CS-1155	0191	01		CS-1156	0192	01	
CS-1157	0193	01		CS-1158	0194	01		CS-1159	0195	01		CS-1160	0196	01	
CS-1161	0197	01		CS-1164	0198	01		CS-1170	0199	01		CS-1171	0200	01	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
CS-1172	0201	01		CS-1173	0202	02		CS-1174	0203	01		CS-1175	0204	01	
CS-1176	0205	01		CS-1177	0206	01		CS-1178	0207	01		CS-1190	0208	01	
CS-1191	0209	01		CS-157-1	0210	01		CS-157-2	0211	01		CS-1608-1	0212	01	
CS-1618-1	0213	01		CS-176-1	0214	01		CS-176-2	0215	01		CS-177	0216	01	
CS-178	0217	01		CS-179	0218	01		CS-189-1	0219	01		CS-189-2	0220	01	
CS-189-3	0221	01		CS-189-4	0222	01		CS-194-1	0223	01		CS-194-2	0224	01	
CS-201	0225	01		CS-202-1	0226	01		CS-202-2	0227	01		CS-202-3	0228	01	
CS-202-4	0229	01		CS-203	0230	01		CS-204	0231	01		CS-205	0232	01	
CS-207	0233	01		CS-208	0234	01		CS-209	0235	01		CS-211-1	0236	01	
CS-211-2	0237	01		CS-212-1	0238	01		CS-212-2	0239	01		CS-212-3	0240	01	
CS-212-4	0241	01		CS-228-1	0242	01		CS-229-1	0243	01		CS-237	0244	01	
CS-238	0245	01		CS-246-1	0246	01		CS-246-2	0247	01		CS-246-3	0248	01	
CS-248-1	0249	01		CS-248-2	0250	01		CS-248-3	0251	01		CS-251	0252	01	
CS-252	0253	01		CS-287	0254	01		CS-290	0255	01		CS-297	0256	01	
CS-298	0257	01		CS-299	0258	01		CS-300	0259	01		CS-302-1	0260	01	
CS-302-2	0261	01		CS-303-1	0262	01		CS-303-2	0263	01		CS-304	0264	01	
CS-305	0265	01		CS-311	0266	01		CS-312	0267	01		CS-314	0268	01	
CS-315	0269	01		CS-317	0270	01		CS-490	0271	01		CS-491	0272	01	
CS-492	0273	01		CS-494	0274	01		CS-496	0275	01		CS-503	0276	01	
CS-504	0277	01		CS-505	0278	01		CS-506	0279	01		CS-513	0280	01	
CS-522	0281	01		CS-523	0282	01		CS-524	0283	01		CS-525	0284	01	
CS-536	0285	01		CS-586	0286	01		CS-608-1	0287	01		CS-608-2	0288	01	
CS-609-1	0289	01		CS-609-2	0290	01		CS-610-1	0291	01		CS-610-2	0292	01	
CS-611-1	0293	01		CS-611-2	0294	01		CS-612-1	0295	01		CS-612-2	0296	01	
CS-613-1	0297	01		CS-613-2	0298	01		CS-614	0299	02	R	CS-629-2	0300	01	

TAG #	CES#	REV.	STA TUS	TAG #	CES#	REV.	STA TUS	TAG #	CES#	REV.	STA TUS	TAG #	CES#	REV.	STA TUS
CS-630	0301	01		CS-630-2	0302	01		CS-632-1	0303	01		CS-632-2	0304	01	
CS-633	0305	01		CS-638-1	0306	01		CS-638-2	0307	01		CS-652-1	0308	01	
CS-652-2	0309	01		CS-653-1	0310	01		CS-653-2	0311	01		CS-832	0312	01	
CS-833	0313	01		CS-834	0314	01		CS-835	0315	01		CS-836	0316	01	
CS-837	0317	01		CS-849	0318	01		CS-936	0319	01		CS-937	0320	01	
CS-938	0321	01		CS-939	0322	01		CS-940	0323	01		CS-941	0324	01	
CS-943	0325	01		CS-944	0326	01		CS-946	0327	01		CS-948	0328	01	
CS-953	0329	01		CS-957	0330	01		CS-958	0331	01		CS-963	0332	01	
CS-967	0333	01		CS-968	0334	01		CS-968	0335	01		CS-977	0336	01	
CS-978	0337	01		CS-979	0338	01		CS-980	0339	01		CS-981	0340	01	
CS-982	0341	01		CSP 2A	0342	03	C	CSP 2A PB	0343	03		CSP 2B	0344	03	C
CSP 2B PB	0345	03	C	CVCS HT XFMR 2	0346	02	R	CVCS HT XFMR 2	0347	02	R	D-1	0348	03	C
D-12A (FC)	0349	01		D-12B (FC)	0350	01		D-13	0351	03	C	D-14	0352	03	C
D-15	0353	03	C	D-16	0354	03	C	D-17A (F.O.)	0355	01		D-17B (F.O.)	0356	01	
D-18 (F.O.)	0357	01		D-19 (F.O.)	0358	01		D-2	0359	03	C	D-20 (F.O.)	0360	01	
D-21 (F.O.)	0361	01		D-22 (F.O.)	0362	01		D-23	0363	03	C	D-24	0364	03	C
D-29 (N.O.,F.C	0365	01		D-3	0366	03	C	D-30 (N.O.,F.C	0367	01		D-31 (N.O.,F.C	0368	01	
D-32 (N.O.,F.C	0369	01		D-33 (N.O.,F.C	0370	01		D-34 (N.O.,F.C	0371	01		D-35 (N.O.,F.C	0372	01	
D-4	0375	03	C	D-40	0376	01		D-6A	0379	03	C	D-7A (F.C.)	0381	01	
D-7B (F.C.)	0382	01		D-8A	0383	03	C	D-8B	0384	03	C	D-9A	0385	03	C
D-9B	0386	03	C	DC BUS MA	0387	01		DC BUS MB	0388	01		DC BUS MC	0389	01	
DC BUS MD	0390	01		DC BUS 2A	0391	01		DC BUS 2AB	0392	01		DC BUS 2B	0393	01	
DG 2A	0394	01		DG 2A CT TB	0395	01		DG 2A TB	0396	01		DG 2B	0397	01	
DG 2B CT TB	0398	01		DG 2B TB	0399	01		DO TRANS P 2A	0400	01		DO TRANS P 2B	0401	01	
ENG 2A1 TB	0402	01		ENG 2A2 TB	0403	01		ENG 2B1 TB	0404	01		ENG 2B2 TB	0405	01	

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV # 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION INDEX LIST CAPACITY: 890 MW(E) SORTED BY: CES #

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
ES-86	0406	02	R	ES-86	0407	02	R	ES-87	0408	02	R	ES-88	0409	02	R
ES-89	0410	02	R	CS-2/576	0411	02	R	FC-3301	0412	01		FC-3306	0413	01	
FCV-03-1A(FC)	0414	02	R	FCV-03-1A SS	0415	02	R	FCV-03-1B(FC)	0416	02	R	FCV-03-1B SS	0417	02	R
FCV-03-1C(FC)	0418	02	R	FCV-03-1C SS	0419	02	R	FCV-03-1D(FC)	0420	02	R	FCV-03-1D SS	0421	02	R
FCV-03-1E(FC)	0422	02	R	FCV-03-1E SS	0423	03	R	FCV-2210Y (FC)	0424	01		FCV-23-3	0425	03	C
FCV-23-5	0426	03	C	FCV-23-7	0427	03	C	FCV-23-9	0428	03	C	FCV-25-1	0429	03	C
FCV-25-11	0430	03	C	FCV-25-11 PB	0431	03	C	FCV-25-12	0432	03	C	FCV-25-12 PB	0433	03	C
FCV-25-13	0434	03	C	FCV-25-13 PB	0435	03	C	FCV-25-14 (,FA	0436	01		FCV-25-15 (,FA	0437	01	
FCV-25-16 (,FA	0438	01		FCV-25-17 (,FA	0439	01		FCV-25-18	0440	01		FCV-25-19	0441	01	
FCV-25-2	0442	03	C	FCV-25-20	0443	03	C	FCV-25-21	0444	03	C	FCV-25-24	0445	01	
FCV-25-25	0446	01		FCV-25-26	0447	03	C	FCV-25-29	0448	03	C	FCV-25-29 PB	0449	03	
FCV-25-3	0450	03	C	FCV-25-30	0451	03	C	FCV-25-30 PB	0452	03		FCV-25-31	0453	03	C
FCV-25-31 PB	0454	03		FCV-25-32	0455	03	C	FCV-25-32 PB	0456	03		FCV-25-33	0457	03	C
FCV-25-33 PB	0458	03		FCV-25-34	0459	03	C	FCV-25-34 PB	0460	03		FCV-25-4	0461	03	C
FCV-25-5	0462	03	C	FCV-25-6	0463	03	C	FCV-25-7	0464	03	C	FCV-25-8	0465	03	C
FCV-26-1	0466	03	C	FCV-26-2	0467	03	C	FCV-26-3	0468	02	R	FCV-26-4	0469	03	C
FCV-26-5	0470	03	C	FCV-26-6	0471	03	C	FCV-3301	0472	03	C	FCV-3301 SS	0473	03	
FCV-3306	0474	03	C	FCV-3306 SS	0475	03		FF-07-1A1(206)	0476	01		FF-07-1A2(206)	0477	01	
FF-07-1B1(206)	0478	01		FF-07-2-2(206)	0479	01		FF-07-2I(206)	0480	01		FF-09-2A1(202)	0481	01	
FF-09-2A2(202)	0482	01		FF-09-2B1(202)	0483	01		FF-09-2C1(202)	0484	01		FF-09-2C2(202)	0485	01	
FF-1158	0486	01		FF-1168	0487	01		FF-1188	0488	01		FF-14-1A(206,5	0489	01	
FF-14-1B(206,V	0490	01		FF-14-10A(206,	0491	01		FF-14-10B(206)	0492	01		FF-14-15A(,V)	0493	01	
FF-14-15B(,V)	0494	01		FF-14-15C(,V)	0495	01		FF-14-15D(,V)	0496	01		FF-14-2(206)	0497	01	
FF-14-6(,5)	0498	01		FF-25-18A	0499	01		FF-25-18B	0500	01		FF-25-19A1	0501	01	
FF-25-19B1	0502	01		FF-25-19B2	0503	01		FF-25-20A1	0504	01		FF-25-20A2	0505	01	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
FF-25-20B1	0506	01		FF-25-20B2	0507	01		FF-25-21A1	0508	01		FF-25-21B1	0509	01	
FF-25-21B2	0510	01		FI-07-1A(206)	0511	01		FI-07-1B(206)	0512	01		FI-07-2(206)	0513	01	
FI-09-2A(202)	0514	01		FI-09-2B(202)	0515	01		FI-09-2C(202)	0516	01		FI-09-4A	0517	01	
FI-09-4B	0518	01		FI-09-4C	0519	01		FI-09-4D	0520	01		FI-13-1	0521	01	
FI-13-2	0522	01		FI-13-3	0523	01		FI-13-4	0524	01		FI-13-5	0525	01	
FI-13-7	0526	01		FI-14-3A	0527	01		FI-14-3B	0528	01		FI-14-4	0529	01	
FI-21-8A	0530	02		FI-21-8B	0531	02		FI-25-18A	0532	01		FI-25-18B	0533	01	
FI-25-19A1	0534	01		FI-25-19B1	0535	01		FI-25-21A1	0536	01		FI-25-21B1	0537	01	
FI-3301	0538	01		FI-3301-1	0539	02		FI-3306	0540	02		FI-3306-1	0541	02	
FI-3311	0542	01		FI-3312	0543	01		FI-3315	0544	01		FI-3321	0545	01	
FI-3322	0546	01		FI-3325	0547	01		FI-3331	0548	01		FI-3332	0549	01	
FI-3341	0550	01		FI-3342	0551	01		FIA-2212	0552	01		FIC-25-19A1	0553	01	
FIC-25-19B1	0554	01		FIC-25-20A1	0555	01		FIC-25-20B1	0556	01		FIC-25-21A1	0557	01	
FIC-25-21B1	0558	01		FIC-3301	0559	02		FIC-3306	0560	02		FIS-14-1A(206,	0561	01	
FIS-25-20A1	0562	01		FIS-25-20B1	0563	01		FM-1606	0564	02		FM-1616	0565	02	
FP P 2A	0566	01		FP P 2A SS	0567	01		FP P 2B	0568	01		FP P 2B SS	0569	01	
FR-07-1A(206)	0570	01		FR-07-1B(206)	0571	01		FR-09-2A(202)	0572	01		FR-09-2A(SP)	0573	01	
FR-09-2B/ZE	0574	02	R	FR-09-2C	0575	02	R	FR-25-1A	0576	01		FR-25-1A	0577	01	
FR-25-1B	0578	01		FR-25-1B	0579	01		FR-3301	0580	01		FR-3306	0581	01	
FR-3313	0582	01		FR-3317	0583	01		FR-3323	0584	01		FR-3327	0585	01	
FR-3333	0586	01		FR-3343	0587	01		FR-3301	0588	01		FS-25-10A	0589	02	R
FS-25-10B	0590	01		FS-25-10C	0591	01		FS-25-11A	0592	02		FS-25-11B	0593	02	
FS-25-12A	0594	02		FS-25-12B	0595	01		FS-25-16A	0596	01		FS-25-16B	0597	01	
FS-25-2A	0598	02		FS-25-2B	0599	02		FS-25-2C	0600	02		FS-25-2D	0601	02	
FS-25-20A2	0602	01		FS-25-20B2	0603	01		FS-25-22A	0604	01		FS-25-22B	0605	01	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
FS-25-23A	0606	01		FS-25-23B	0607	01		MV-09-09	0608	01		FS-25-5A	0609	02	
FS-25-5B	0610	02		FS-25-6A (,*)	0611	02		FS-25-6B (,*)	0612	02		FS-25-7A	0613	02	
FS-25-7B	0614	02		FS-25-9A	0615	01		FS-25-9B	0616	01		FSE-27-10	0617	03	C
FSE-27-11	0618	03	C	FSE-27-12	0619	03	C	FSE-27-13	0620	03	C	FSE-27-14	0621	03	C
FSE-27-15	0622	03	C	FSE-27-16	0623	03	C	FSE-27-17	0624	03	C	FSE-27-18	0625	03	C
FSE-27-8	0626	03	C	FSE-27-9	0627	03	C	FT-07-1A1	0628	01		FT-07-1A2	0629	01	
FT-07-1B1	0630	01		FT-07-1B2	0631	01		FT-07-2-1	0632	01		FT-07-2-2	0633	01	
FT-08-1B(, RUN	0634	02		FT-09-2A1	0635	03	C	FT-09-2A2	0636	03	C	FT-09-2B1	0637	03	C
FT-09-2B2	0638	03	C	FT-09-2C1	0639	03	C	FT-09-2C2	0640	03	C	FT-1158	0641	03	C
FT-1168	0642	03	C	FT-1178	0643	03	C	FT-1188	0644	03	C	FT-14-1A	0645	01	
FT-14-1B	0646	01		FT-14-10A	0647	01		FT-14-10B	0648	01		FT-14-15A	0649	01	
FT-14-15B	0650	01		FT-14-15C	0651	01		FT-14-15D	0652	01		FT-14-2	0653	01	
FT-14-6	0654	01		FT-2212	0655	03	C	FT-25-18A	0656	01		FT-25-18B	0657	01	
FT-25-19A1	0658	01		FT-25-19A2	0659	01		FT-25-19B1	0660	01		FT-25-19B2	0661	01	
FT-25-20A1	0662	02		FT-25-20A2	0663	02		FT-25-20B1	0664	02		FT-25-20B2	0665	02	
FT-25-21A1	0666	02		FT-25-21A2	0667	02		FT-25-21B1	0668	01		FT-25-21B2	0669	01	
FT-3301	0670	01		FT-3306	0671	01		FT-3311	0672	01		FT-3312	0673	01	
FT-3313	0674	01		FT-3315	0675	01		FT-3317	0676	01		FT-3321	0677	01	
FT-3322	0678	01		FT-3323	0679	01		FT-3325	0680	01		FT-3327	0681	01	
FT-3331	0682	01		FT-3332	0683	01		FT-3333	0684	01		FT-3341	0685	01	
FT-3342	0686	01		FT-3343	0687	01		FY-1158	0688	02		FY-1158-1	0689	02	
FY-1158-2	0690	02		FY-1168	0691	02		FY-1168-1	0692	02		FY-1168-2	0693	02	
FY-1178	0694	02		FY-1178-1	0695	02		FY-1178-2	0696	02		FY-1188	0697	02	
FY-1188-1	0698	02		FY-1188-2	0699	02		FY-2212	0700	01		FY-2212-1	0701	02	
FY-2212-2	0702	02		FY-3301	0703	01		FY-3301-1	0704	02		FY-3301-2	0705	02	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
V3517	0706	02		FY-3306	0707	01		FY-3306-1	0708	02		FY-3306-2	0709	02	
FY-3306-3	0710	02		FY-3311	0711	02		FY-3311-1	0712	02		FY-3312	0713	02	
FY-3312-1	0714	02		FY-3313	0715	02		FY-3313-1	0716	02		FY-3315	0717	02	
FY-3315-1	0718	02		FY-3317	0719	02		FY-3317-1	0720	02		FY-3321	0721	02	
FY-3321-1	0722	02		FY-3322	0723	02		FY-3322-1	0724	02		FY-3323	0725	02	
FY-3323-1	0726	02		FY-3325	0727	02		FY-3325-1	0728	02		FY-3327	0729	02	
FY-3327-1	0730	02		FY-3331	0731	02		FY-3332	0732	02		FY-3332-1	0733	02	
FY-3333	0734	02		FY-3333-1	0735	02		FY-3341	0736	02		FY-3341-1	0737	02	
FY-3342	0738	02		FY-3342-1	0739	02		FY-3343	0740	02		FY-3343-1	0741	02	
HCV-08-1A	0742	03	C	HCV-08-1B	0743	03	C	HCV-09-1A	0744	03	C	HCV-09-1B	0745	03	C
HCV-09-2A	0746	03	C	HCV-09-2B	0747	03	C	HCV-14-1	0748	03	C	HCV-14-10(,F.C	0749	02	R
HCV-14-2	0750	03	C	HCV-14-3A	0751	03	C	HCV-14-3B	0752	03	C	HCV-14-6	0753	03	C
HCV-14-7	0754	03	C	HCV-14-8A(,F.C	0755	01		HCV-14-8B(,F.C	0756	02	R	HCV-14-9(,F.C,	0757	02	R
HCV-15-1	0758	03	C	HCV-18-1	0759	03	C	HCV-3512	0760	03	C	HCV-3512 SS	0761	03	C
HCV-3615 PB	0762	03	C	HCV-3616 PB	0763	02	R	HCV-3617 PB	0764	02	R	HCV-3618	0765	03	C
HCV-3625 PB	0766	03	C	HCV-3626(FAI)	0767	02	R	HCV-3627(FAI)	0768	02	R	HCV-3628	0769	03	C
HCV-3635	0770	03	C	HCV-3636	0771	03	C	HCV-3637	0772	03	C	HCV-3638	0773	03	C
HCV-3645 (FAI)	0774	03	R	HCV-3646	0775	03	C	HCV-3647	0776	03	C	HCV-3648	0777	03	C
HCV-3657	0778	03	C	HCV-3657 SS	0779	03	C	HIC-09-1C(202)	0780	01		EHC-2HVE-6A1	0781	03	C
HPSI P 2A	0782	03	C	HPSI P 2B	0783	03	C	HS-1101A	0784	02		HS-1101B	0785	02	
HS-1101C	0786	02		HS-1101D	0787	02		HCV-3615	0788	03	C	HCV-3616	0789	02	R
HCV-3617	0790	03	C	HCV-3625	0791	03	C	HCV-3626	0792	03	C	HCV-3627	0793	03	C
HCV-3635	0794	02	R	HCV-3636	0795	03	C	HCV-3637	0796	03	C	HCV-3645	0797	03	C
HCV-3646	0798	03	C	HCV-3647	0799	02	R	INST BUS 2MA	0800	01		INST BUS 2MB	0801	01	
INST BUS 2MC	0802	01		INST BUS 2MD	0803	01		INT CGW P 2A	0804	01		INT CGW P 2A P	0805	01	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
INT CGW P 2B	0806	01		INT CGW P 2B P	0807	01		INT CGW P 2C	0808	01		INT CGW P 2C P	0809	01	
IRS HDRZN P 2A	0810	01		IRS HDRZN P 2A	0811	01		IRS HDRZN P 2B	0812	01		IRS HDRZN P 2B	0813	02	
JI-001A	0814	02		JI-001B	0815	02		JI-001C	0816	02		JI-001D	0817	02	
JI-003A	0818	02		JI-003B	0819	02		JI-003C	0820	02		JI-003D	0821	02	
JI-004A	0822	02		JI-004B	0823	02		JI-004C	0824	02		JI-004D	0825	02	
JI-005A	0826	02		JI-005B	0827	02		JI-005C	0828	02		JI-005D	0829	02	
JI-006A	0830	02		JI-006B	0831	02		JI-006C	0832	02		JI-006D	0833	02	
JI-007A	0834	02		JI-007B	0835	02		JI-007C	0836	02		JI-007D	0837	02	
JI-1105	0838	02		JI-1106	0839	02		JKI-001A	0840	02		JKI-001B	0841	1	
JKI-001C	0842	1		JKI-001D	0843	1		JR-001A	0844	1		JR-001B	0845	1	
JR-001C	0846	1		JR-001D	0847	1		JR-012	0848	1		JY-001A	0849	1	
JY-001B	0850	1		LCV-07-11A	0851	03	C	LCV-07-11B	0852	03	C	LI-1104	0853	01	
LI-1105	0854	01		LI-9113	0855	01		LI-9123	0856	01		LIA-2206	0857	01	
LIA-2208	0858	01		LIS-07-2A(206)	0859	01		LIS-07-2B(206)	0860	01		LIS-07-2C(206)	0861	01	
LIS-07-2D(206)	0862	01		LIS-07-9(206,A	0863	01		LIS-12-11(202,	0864	01		LPSI P 2A	0865	03	C
LPSI P 2A PB	0866	03	C	LPSI P 2B	0867	03	C	LPSI P 2B PB	0868	03	C	LR-07-2D(206)	0869	01	
LR-1110	0870	01		LR-1110X	0871	01		LR-9013D	0872	01		LR-9023D	0873	01	
LS-06-1A	0874	03	C	LS-06-1B	0875	03	C	LS-06-40(206,A	0876	02		LS-06-41(206,A	0877	02	
LS-07-10A	0878	01		LS-07-10B	0879	01		LS-07-12(205,A	0880	02		LS-07-7A	0881	01	
LS-07-7B	0882	01		LS-07-7C	0883	01		LS-12-8(202-A,	0884	01		LS-14-1A(206,A	0885	01	
LS-14-1B(206,A	0886	01		LS-14-5(206,A,	0887	01		LS-14-6A	0888	01		LS-14-6B	0889	01	
LS-17-10A(,A,D	0890	01		LS-17-10B(,A,L	0891	01		LS-17-552A(,*,	0892	01		LS-17-552B(,*,	0893	01	
LS-17-553A(,*,	0894	01		LS-17-553B(,*,	0895	01		LS-21-5A	0896	01		LS-21-5B	0897	01	
LS-2234X	0898	02		LS-2234Y	0899	02		LS-2234Z	0900	02		LS-3-1,2 FS B0	0901	01	
LS-4421	0902	01		LT-07-2A	0903	01		LT-07-2B	0904	01		LT-07-2C	0905	01	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
LT-07-2D	0906	01		LT-07-9	0907	01		LT-1104	0908	03	C	LT-1105	0909	03	C
LT-1110X	0910	03	C	LT-1110Y	0911	03	C	LT-12-11	0912	01		LT-9013A	0913	03	C
LT-9013B	0914	03	C	LT-9013C	0915	03	C	LT-9013D	0916	03	C	LT-9023A	0917	03	C
LT-9023B	0918	03	C	LT-9023C	0919	03	C	LT-9023D	0920	03	C	LT-9113	0921	03	C
LT-9123	0922	03	C	LY-1104	0923	01		LY-1105	0924	01		LY-1110X-1	0925	01	
LY-1110Y-1	0926	01		LY-9013A	0927	02		LY-9013A-1	0928	01		LY-9013B	0929	01	
LY-9013B-1	0930	01		LY-9013C	0931	01		LY-9013C-1	0932	01		LY-9013D	0933	01	
LY-9013D-1	0934	01		LY-9023A	0935	01		LY-9023A-1	0936	01		LY-9023B	0937	01	
LY-9023B-1	0938	01		LY-9023C	0939	01		LY-9023C-1	0940	01		LY-9023D	0941	01	
LY-9023D-1	0942	01		LY-9113	0943	01		LY-9123	0944	01		MCC 2AB-AF	0945	01	
MCC 2AB-BF	0946	02		MCC 2AB-BR	0947	02		MCC 2AB-CF	0948	02		MCC 2AB-CR	0949	02	
MCC 2AB-DF	0950	02		MCC 2AB-DR	0951	02		MCC 2A5-AF	0952	02		MCC 2A5-AR	0953	02	
MCC 2A5-BF	0954	02		MCC 2A5-BR	0955	02		MCC 2A5-CF	0956	02		MCC 2A5-CR	0957	02	
MCC 2A5-DF	0958	02		MCC 2A5-DR	0959	02		MCC 2A5-EF	0960	02		MCC 2A5-ER	0961	02	
MCC 2A5-FF	0962	02		MCC 2A5-FR	0963	02		MCC 2A5-GF	0964	02		MCC 2A5-GR	0965	02	
MCC 2A6-AF	0966	02		MCC 2A6-AR	0967	02		MCC 2A6-BF	0968	02		MCC 2A6-BR	0969	02	
MCC 2A6-CF	0970	02		MCC 2A6-CR	0971	02		MCC 2A6-DF	0972	02		MCC 2A6-DR	0973	02	
MCC 2A6-EF	0974	02		MCC 2A6-ER	0975	02		MCC 2A6-FF	0976	02		MCC 2A6-FR	0977	02	
MCC 2A6-GF	0978	02		MCC 2A6-GR	0979	02		MCC 2A7-B	0980	02		MCC 2A7-C	0981	02	
MCC 2A8-A	0982	02		MCC 2A9-A	0983	02		MCC 2A9-B	0984	02		MCC 2B5-AF (48	0985	01	
MCC 2B5-AR	0986	02		MCC 2B5-BF	0987	02		MCC 2B5-BR	0988	02		MCC 2B5-CF	0989	02	
MCC 2B5-CR	0990	02		MCC 2B5-DF	0991	02		MCC 2B5-DR	0992	02		MCC 2B5-EF	0993	02	
MCC 2B5-ER	0994	02		MCC 2B5-FF	0995	02		MCC 2B5-FR	0996	02		MCC 2B5-GF	0997	02	
MCC 2B5-GR	0998	02		MCC 2B6-AF	0999	02		MCC 2B6-AR	1000	02		MCC 2B6-BF	1001	02	
MCC 2B6-BR	1002	02		MCC 2B6-CF	1003	02		MCC 2B6-CR	1004	02		MCC 2B6-DF	1005	02	

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION INDEX LIST CAPACITY: 890 MW(E) SORTED BY: CES #

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
MCC 2B6-DR	1006	02		MCC 2B6-EF	1007	02		MCC 2B6-GF	1008	02		MCC 2B6-HF	1009	02	
MCC 2B6-HR	1010	02		MCC 2B7-B	1011	02		MCC 2B7-C	1012	02		MCC 2B8-E	1013	02	
MCC 2B9-A	1014	02		MCC 2B9-B	1015	02		MV-07-1A(RAS)	1016	01		MV-07-1A PB	1017	02	
MV-07-1B(RAS)	1018	01		MV-07-2A	1019	03	C	MV-07-2A PB	1020	03	C	MV-07-2B	1021	03	C
MV-07-2B PB	1022	03	C	MV-08-1A	1023	03	C	MV-08-1A PB	1024	03	C	MV-08-1B	1025	03	C
MV-08-1B PB	1026	03	C	MV-08-12	1027	03	C	MV-08-12 PB	1028	03	C	MV-08-13	1029	03	C
MV-08-13 PB	1030	03	C	MV-08-14	1031	03	C	MV-08-14 SEL S	1032	03	C	MV-08-14 STR	1033	03	C
MV-08-15	1034	03	C	MV-08-15 SEL S	1035	03	C	MV-08-15 STR	1036	03	C	MV-08-16	1037	03	C
MV-08-16 SEL S	1038	03	C	MV-08-17	1039	03	C	MV-08-17 SEL S	1040	03	C	MV-08-18A	1041	03	C
MV-08-18B	1042	03	C	MV-08-19A	1043	03	C	MV-08-19A STR	1044	03	C	MV-08-19B	1045	03	C
MV-08-19B STR	1046	03	C	MV-08-3	1047	03	C	MV-09-1	1048	02		MV-09-10	1049	03	C
MV-09-10 PB	1050	03	C	MV-09-11	1051	03	C	MV-09-11 PB	1052	03	C	MV-09-12	1053	03	C
MV-09-12 PB	1054	03	C	MV-09-13	1055	03	C	MV-09-13 PB	1056	03	C	MV-09-14.	1057	03	C
MV-09-14 PB	1058	03	C	MV-09-2	1059	02		MV-09-9	1060	03	C	MV-09-9 PB	1061	03	C
MV-14-1(,N.C.)	1062	01		MV-14-1 PB	1063	02		MV-14-10	1064	03	C	MV-14-10 PB	1065	03	C
MV-14-11	1066	03	C	MV-14-11 PB	1067	03	C	MV-14-12	1068	03	C	MV-14-12 PB	1069	03	C
MV-14-13	1070	03	C	MV-14-13 PB	1071	03	C	MV-14-14	1072	03	C	MV-14-14 PB	1073	03	C
MV-14-15	1074	03	C	MV-14-15 PB	1075	03	C	MV-14-16	1076	03	C	MV-14-16 PB	1077	03	C
MV-14-17	1078	03	C	MV-14-17 SS	1079	03	C	MV-14-18	1080	03	C	MV-14-18 SS	1081	03	C
MV-14-19	1082	03	C	MV-14-19 SS	1083	03	C	MV-14-2(,N.C.)	1084	02		MV-14-2 PB	1085	01	
MV-14-20	1086	03	C	MV-14-20 SS	1087	03	C	MV-14-3(,N.C.)	1088	01		MV-14-3 PB	1089	01	
MV-14-4(,N.C.)	1090	01		MV-14-4 PB	1091	01		MV-14-9	1092	03	C	MV-14-9 PB	1093	03	C
MV-21-2(,SIAS)	1094	01		MV-21-2 PB	1095	02		MV-21-3(,SIAS)	1096	01		MV-21-3 PB	1097	01	
MV-21-4A(,S1AS	1098	01		MV-21-4A PB	1099	01		MV-21-4B(,S1AS	1100	01		MV-21-4B PB	1101	01	
MV-2514	1102	02		PA-1103	1103	01		PA-1103-1	1104	01		PA-1104	1105	01	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
PA-1104-1	1106	01		PA-1104-2	1107	01		PA-1105	1108	01		PA-1105-1	1109	01	
PA-1106	1110	01		PA-1106-1	1111	01		PA-1106-2	1112	01		PC-1103	1113	02	
PC-1103-1	1114	01		PC-1104	1115	01		PC-1104-1	1116	01		PC-1104-2	1117	01	
PC-1105	1118	01		PC-1105-1	1119	01		PDI-1101A	1120	01		PDI-1101B	1121	01	
PDI-1101C	1122	01		PDI-1101D	1123	01		PDI-25-15A	1124	01		PDI-25-15B	1125	01	
PDIS-25-1A	1126	01		PDIS-25-1B	1127	01		PDIS-25-23A	1128	01		PDIS-25-23B	1129	01	
PDIS-25-5A	1130	01		PDIS-25-5B	1131	01		PDIS-25-7A	1132	01		PDIS-25-7B	1133	01	
PDIS-25-8A	1134	01		PDIS-25-8A	1135	01		PDIS-25-8B	1136	01		PDIS-25-9A	1137	01	
PDIS-25-9B	1138	01		PDS-25-13A	1139	01		PDS-25-13B	1140	01		PDS-25-17A	1141	01	
PDS-25-17B	1142	01		PDS-25-7A	1143	01		PDS-25-7B	1144	01		PDT-1111A	1145	03	C
PDT-1111B	1146	03	C	PDT-1111C	1147	03	C	PDT-1111D	1148	03	C	PDT-1121A	1149	03	C
PDT-1121B	1150	03	C	PDT-1121C	1151	03	C	PDT-1121D	1152	03	C	PDT-25-1A	1153	01	
PDT-25-1B	1154	01		PDT-25-13A	1155	01		PDT-25-13B	1156	01		PDT-25-14A	1157	03	C
PDT-25-14B	1158	03	C	PDT-25-15A	1159	01		PDT-25-15B	1160	01		PDT-25-16A	1161	01	
PDT-25-16B	1162	01		PDT-25-17A	1163	01		PDT-25-17B	1164	01		PDY-1101-A1	1165	02	
PDY-1101-B1	1166	02		PDY-1101-C1	1167	02		PDY-1101-D1	1168	02		PDY-1101A	1169	02	
PDY-1101B	1170	02		PDY-1101C	1171	02		PDY-1101D	1172	02		PDY-1111A	1173	02	
PDY-1111A1	1174	02		PDY-1111B	1175	02		PDY-1111B1	1176	02		PDY-1111C	1177	02	
PDY-1111C1	1178	02		PDY-1111D	1179	02		PDY-1111D1	1180	02		PDY-1121A	1181	02	
PDY-1121A1	1182	02		PDY-1121B	1183	02		PDY-1121B1	1184	02		PDY-1121C	1185	02	
PDY-1121C1	1186	02		PDY-1121D	1187	02		PDY-1121D1	1188	02		PENET B4	1189	03	C
PENET B7	1190	03	C	PENET C3	1191	03	R	PENET C7	1192	03	C	PENET D3	1193	03	C
PENET E6	1194	03	C	PI-07-4A	1195	01		PI-07-5A	1196	01		PI-08-5	1197	01	
PI-09-8A	1198	01		PI-09-8B	1199	01		PI-09-8C	1200	02		PI-1102A	1201	01	
PI-1102B	1202	01		PI-1102C	1203	01		PI-1102D	1204	01		PI-1103	1205	02	

TAG #	CES#	REV.	STA TUS	TAG #	CES#	REV.	STA TUS	TAG #	CES#	REV.	STA TUS	TAG #	CES#	REV.	STA TUS
PI-1104	1206	02		PI-1105	1207	02		PI-1106	1208	02		PI-1107	1209	01	
PI-1107(,1)	1210	1		PI-1108	1211	1		PI-1108(,1)	1212	1		PI-3304	1213	1	
PI-3307	1214	1		PI-3308	1215	1		PI-3309	1216	1		PI-8013A	1217	1	
PI-8013B	1218	1		PI-8013C	1219	1		PI-8013D	1220	1		PI-8023A	1221	02	
PI-8023B	1222	02		PI-8023C	1223	02		PI-8023D	1224	02		PI-8113	1225	02	
PI-8123	1226	02		PIA-1102A	1227	01		PIA-1102B	1228	01		PIA-1102BLL	1229	02	
PIA-1102C	1230	01		PIA-1102CLL	1231	01		PIA-1102D	1232	01		PIA-1102DLL	1233	02	
PIA-2212	1234	01		PIC-08-1A(202)	1235	01		PIC-08-1B(202)	1236	01		PIC-1103	1237	01	
PIC-1104	1238	01		PIC-1105	1239	01		PIC-1106	1240	01		PIS-07-2A(206,	1241	01	
PIS-07-2B(206,	1242	01		PIS-07-2C(206,	1243	01		PIS-07-2D(206,	1244	01		PIS-07-3A (206	1245	01	
PIS-07-3B (206	1246	01		PIS-21-8A(202,	1247	01		PIS-21-8B(202,	1248	01		PP 201	1249	02	
PP 201 XFMR	1250	02		PP 202	1251	02		PP 202 XFMR	1252	02		PP 203	1253	02	
PP 203 XFMR	1254	02		PP 206	1255	02		PP 211	1256	02		PP 211 XFMR	1257	02	
PP 212	1258	02		PP 212 XFMR	1259	02		PP 223	1260	02		PP 232	1261	02	
PP 233	1262	02		PP 238	1263	02		PP 239	1264	02		PP 240	1265	02	
PP 243	1266	02		PP 250	1267	02		PP 250 XFMR	1268	02		PP 251	1269	02	
PP 251 XFMR	1270	02		PR-07-4B	1271	02		PR-07-5B	1272	02		PR-1107	1273	01	
PR-25-1A	1274	01		PR-25-1A	1275	01		PR-25-1B	1276	01		PR-25-1B	1277	01	
PR-25-1B	1278	01		PR-3301	1279	01		PR-3302	1280	01		PR-3305	1281	01	
PR-3306	1282	01		PR-8013D	1283	02		PR-8023D	1284	02		PS-08-12A	1285	02	
PS-08-12B	1286	02		PS-08-6	1287	02		PS-1180	1288	02		PS-12-17A	1289	02	
PS-12-17B	1290	02		PS-12-17C	1291	02		PS-21-4A	1292	02		PS-21-4B	1293	02	
PS-21-4C	1294	02		PS-2224X	1295	02		PS-2224Y	1296	02		PS-2224Z	1297	02	
PS-23-3	1298	01		PS-23-4	1299	01		PS-23-5	1300	01		PS-23-6	1301	01	
PS-25-12A	1302	02		PS-25-12A(206,	1303	02	R	PS-25-12A(206,	1304	02	R	PS-25-12B	1305	02	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
PT-07-2A	1306	03	C	PT-07-2B	1307	03	C	PT-07-2C	1308	03	C	PT-07-2D	1309	03	C
PT-08-1A	1310	03	C	PT-08-1B	1311	03	C	PT-08-3A	1312	03	C	PT-08-3B	1313	03	C
PT-08-5	1314	03	C	PT-09-8A	1315	03	C	PT-09-8B	1316	03	C	PT-09-8C	1317	03	C
PT-1102A	1318	03	C	PT-1102B	1319	03	C	PT-1102C	1320	03	C	PT-1102D	1321	03	C
PT-1103	1322	03	C	PT-1104	1323	03	C	PT-1105	1324	03	C	PT-1106	1325	03	C
PT-1107	1326	03	C	PT-1108	1327	03	C	PT-21-8A	1328	01		PT-21-8B	1329	01	
PT-2212	1330	03	C	PT-3301	1331	01		PT-3302	1332	01		PT-3304	1333	01	
PT-3305	1334	01		PT-3306	1335	01		PT-3307	1336	01		PT-3308	1337	01	
PT-3309	1338	01		PT-8013A	1339	03	C	PT-8013B	1340	03	C	PT-8013C	1341	03	C
PT-8013D	1342	03	C	PT-8023A	1343	03	C	PT-8023B	1344	03	C	PT-8023C	1345	03	C
PT-8023D	1346	03	C	PT-8113	1347	03	C	PT-8123	1348	03	C	PY-07-2A	1349	02	
PY-07-2A-1	1350	02		PY-07-2A-2	1351	02		PY-07-2B	1352	02		PY-07-2B-1	1353	02	
PY-07-2B-2	1354	02		PY-07-2C	1355	02		PY-07-2C-1	1356	02		PY-07-2C-2	1357	02	
PY-07-2D	1358	02		PY-07-2D-1	1359	02		PY-07-2D-2	1360	02		PY-1102A	1361	01	
PY-1102A-1	1362	02		PY-1102A-2	1363	02		PY-1102B	1364	01		PY-1102B-1	1365	02	
PY-1102B-2	1366	02		PY-1102C	1367	01		PY-1102C-1	1368	02		PY-1102C-2	1369	02	
PY-1102D	1370	01		PY-1102D-1	1371	1		PY-1102D-2	1372	1		PY-1103	1373	1	
PY-1103-1	1374	1		B/M D9 SERIES	1375	03	C	PY-1104-1	1376	1		PY-1105	1377	1	
PY-1105-1	1378	1		PY-1106	1379	1		PY-1106-1	1380	1		PY-1107	1381	02	
PY-1107-1	1382	02		PY-1108	1383	02		PY-1108-1	1384	02		PY-21-8A	1385	02	
PY-21-8B	1386	02		PY-2212	1387	02		PY-3301	1388	02		PY-3302	1389	02	
PY-3304	1390	02		PY-3305	1391	02		PY-3306	1392	02		PY-3307	1393	02	
PY-3308	1394	02		PY-3309	1395	02		PY-8013A	1396	02		PY-8013A-1	1397	02	
PY-8013A-2	1398	02		PY-8013B	1399	02		PY-8013B-1	1400	02		PY-8013B-2	1401	02	
PY-8013C	1402	02		PY-8013C-1	1403	02		PY-8013C-2	1404	02		PY-8013D	1405	02	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
PY-8013D-1	1406	02		PY-8013D-2	1407	02		PY-8023A	1408	02		PY-8023A-1	1409	02	
PY-8023A-2	1410	02		PY-8023B	1411	02		PY-8023B-1	1412	02		PY-8023B-2	1413	02	
PY-8023C	1414	02		PY-8023C-1	1415	02		PY-8023C-2	1416	02		PY-8023D	1417	02	
PY-8023D-1	1418	02		PY-8023D-2	1419	02		PY-8113	1420	02		PY-8123	1421	02	
RCP 2A1	1422	02		RCP 2A2	1423	02		RCP 2B1	1424	02		RCP 2B2	1425	02	
RD-26-3	1426	03	C	RD-26-4	1427	03	C	RD-26-5	1428	03	C	RD-26-6	1429	03	C
REAC TRIP SWGR	1430	01		REAC TRIP SWGR	1431	02		REAC TRIP SWGR	1432	02		REAC TRIP SWGR	1433	02	
REAC TRIP SWGR	1434	02		RIS-26-3-2A	1435	02		RIS-26-4-2B	1436	02		RIS-26-5-2C	1437	02	
RIS-26-6-2D	1438	02		SE-03-1A	1439	03	C	SE-03-1B	1440	03	C	SE-03-1C	1441	03	C
SE-03-1D	1442	03	C	SE-03-2A	1443	03	C	SE-03-2B	1444	03	C	SE-07-3A(,EQ.C	1445	01	
SE-07-3B(,F.Q.	1446	01		SE-17-1A(,*)	1447	01		SE-17-1A(,BYPA	1448	01		SE-17-1B(,*)	1449	01	
SE-17-1B(,BYPA	1450	01		SE-17-2A(,*)	1451	01		SE-17-2A(,BYPA	1452	01		SE-17-2B(,*)	1453	01	
SE-17-2B(,BYPA	1454	01		SR-07-1A	1455	02	R	SR-07-1B	1456	02	R	SR-07-1C	1457	02	R
SR-18-6A	1458	02	R	SR-18-6B	1459	02	R	SR-29-10	1460	02	R	SR-29-11	1461	02	R
STA SERV XFMR	1462	02	R	STA SERV XFMR	1463	01		STA SERV XFMR	1464	02	R	STA SERV XFMR	1465	01	
STAT INVRT 2A	1466	01		STAT INVRT 2B	1467	01		STAT INVRT 2B	1468	02	R	STAT INVRT 2C	1469	02	
STAT INVRT 2D	1470	02		SWGR 2AB-1 4KV	1471	01		SWGR 2AB-1 480	1472	01		SWGR 2AB-1A	1473	01	
SWGR 2AB-1B TB	1474	01		SWGR 2AB-1C TB	1475	01		SWGR 2AB-1D TB	1476	01		SWGR 2AB-2 4KV	1477	01	
SWGR 2AB-2 480	1478	01		SWGR 2AB-2A TB	1479	01		SWGR 2AB-2B TB	1480	01		SWGR 2AB-2C TB	1481	01	
SWGR 2AB-3 4KV	1482	01		SWGR 2AB-4 4KV	1483	01		SWGR 2AB-5 4KV	1484	01		SWGR 2A2-1 4KV	1485	02	R
SWGR 2A2-1 480	1486	02	R	SWGR 2A2-3 4KV	1487	02	R	SWGR 2A2-3 480	1488	02	R	SWGR 2A2-5 4KV	1489	02	R
SWGR 2A2-5 480	1490	02	R	SWGR 2A2-6 4KV	1491	02	R	SWGR 2A2-6 480	1492	02	R	SWGR 2A3-1 4KV	1493	01	
SWGR 2A3-10 4K	1494	01		SWGR 2A3-11 4K	1495	01		SWGR 2A3-12 4K	1496	01		SWGR 2A3-2 4KV	1497	01	
SWGR 2A3-3 4KV	1498	01		SWGR 2A3-5 4KV	1499	01		SWGR 2A3-6 4KV	1500	01		SWGR 2A3-7 4KV	1501	01	
SWGR 2A3-8 4KV	1502	01		SWGR 2A3-9 4KV	1503	01		SWGR 2B2-2 4KV	1504	02	R	SWGR 2B2-2 480	1505	01	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
SWGR 2B2-5 4KV	1506	02	R	SWGR 2B2-5 480	1507	01		SWGR 2B2-7 4KV	1508	02	R	SWGR 2B2-7 480	1509	01	
SWGR 2B3-1 4KV	1510	01		SWGR 2B3-10 4K	1511	01		SWGR 2B3-11 4K	1512	01		SWGR 2B3-12 4K	1513	01	
SWGR 2B3-4 4KV	1514	01		SWGR 2B3-5 4KV	1515	01		SWGR 2B3-6 4KV	1516	01		SWGR 2B3-7 4KV	1517	01	
SWGR 2B3-8 4KV	1518	01		SWGR 2B3-9 4KV	1519	01		TE-1111X	1520	03	C	TE-1111Y	1521	03	C
TE-1112CA	1522	03	C	TE-1112CB	1523	03	C	TE-1112CC	1524	03	C	TE-1112CD	1525	03	C
TE-1112HA	1526	03	C	TE-1112HB	1527	03	C	TE-1112HC	1528	03	C	TE-1112HD	1529	03	C
TE-1115	1530	03	C	TE-1121X	1531	03	C	TE-1121Y	1532	03	C	TE-1122CA	1533	03	C
TE-1122CB	1534	03	C	TE-1122CC	1535	03	C	TE-1122CD	1536	03	C	TE-1122HA	1537	03	C
TE-1122HB	1538	03	C	TE-1122HC	1539	03	C	TE-1122HD	1540	03	C	TE-1125	1541	03	C
TE-3303W	1542	03	C	TE-3303X	1543	03	C	TE-3303Y	1544	03	C	TE-3303Z	1545	03	C
TE-3351X	1546	03	C	TE-3351Y	1547	03	C	TE-3352X	1548	03	C	TE-3352Y	1549	03	C
TI-07-3A/5A	1550	01		TI-1102A	1551	01		TI-1102B	1552	01		TI-1102C	1553	01	
TI-1102D	1554	01		TI-1115	1555	01		TI-1115-1	1556	01		TI-1125	1557	01	
TI-1125-1	1558	01		TI-3303X	1559	01		TI-3303Y	1560	01		TI-3351Y	1561	01	
TI-3352Y	1562	01		TR-07-3B/5B	1563	02		TR-07-5B	1564	02	R	TR-1115	1565	01	
TR-1125	1566	01		TR-25-1A	1567	01		TR-25-1A	1568	01		TR-25-1A	1569	01	
TR-25-1A	1570	01		TR-25-1A	1571	01		TR-25-1B	1572	01		TR-25-1B	1573	01	
TR-25-1B	1574	01		TR-25-1B	1575	01		TR-25-1B	1576	01		TR-25-2A	1577	01	
TR-25-2A	1578	01		TR-25-2A	1579	01		TR-25-2A	1580	01		TR-25-2A	1581	01	
TR-25-2A(HVCB,	1582	01		TR-25-2B	1583	01		TR-25-2B	1584	01		TR-25-2B	1585	01	
TR-25-2B	1586	01		TR-25-2B(HVCB,	1587	01		TR-3303W	1588	01		TR-3303Z	1589	01	
TR-3351	1590	02		TR-3352	1591	02		TY-07-3B	1592	02		TY-07-3B-1	1593	02	
TY-07-5B	1594	01		TY-07-5B-1	1595	02		TY-1112CA	1596	02		TY-1112CA-1	1597	02	
TY-1112CB	1598	02		TY-1112CB-1	1599	02		TY-1112CC	1600	02		TY-1112CC-1	1601	02	
TY-1112CD	1602	02		TY-1112CD-1	1603	02		TY-1112HA	1604	02		TY-1112HA-1	1605	02	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
TY-1112HB	1606	02		TY-1112HB-1	1607	02		TY-1112HC	1608	02		TY-1112HC-1	1609	02	
TY-1112HD	1610	02		TY-1112HD-1	1611	02		TY-1115	1612	02		TY-1122CA	1613	02	
TY-1122CA-1	1614	02		TY-1122CB	1615	02		TY-1122CB-1	1616	02		TY-1122CC	1617	02	
TY-1122CC-1	1618	02		TY-1122CD	1619	02		TY-1122CD-1	1620	02		TY-1122HA	1621	02	
TY-1122HA-1	1622	02		TY-1122HB	1623	02		TY-1122HB-1	1624	02		TY-1122HC	1625	02	
TY-1122HC-1	1626	02		TY-1122HD	1627	02		TY-1125	1628	02		TY-3303W	1629	02	
TY-3303X	1630	02		TY-3303Y	1631	02		TY-3303Z	1632	02		TY-3351X	1633	02	
TY-3351Y	1634	02		TY-3352X	1635	02		TY-3352Y	1636	02		VARM-1606	1637	02	
VARM-1616	1638	01		VM-1001	1639	01		VM-1002	1640	01		VM-1606-1	1641	01	
VM-1606D	1642	01		VM-1616-1	1643	01		VM-1616D	1644	01		VM-942	1645	01	
VM-954	1646	01		VM-964	1647	01		V2104	1648	01		V2501 (FAI)	1649	01	
V2504	1650	03	C	V2504 PB	1651	03	C	V2508	1652	02		V2508 PB	1653	02	
V2509 (FAI)	1654	02		V2509 PB	1655	02		V2514 PB	1656	02		V2515	1657	03	C
V2516	1658	03	C	V2525	1659	03	C	V2525 PB	1660	03	C	V2553	1661	03	C
V2553 PB	1662	03	C	V2554	1663	03	C	V2554 PB	1664	03	C	V2555	1665	03	C
V2555 PB	1666	03	C	V3456	1667	03	C	V3456 SS	1668	03	C	V3457	1669	03	C
V3457 SS	1670	03	C	V3480	1671	03	C	V3480 SS	1672	02		V3481	1673	03	C
V3481 SS	1674	02		V3495 SS	1675	03	C	V3496 SS	1676	03	C	V3517	1677	03	C
V3517 SS	1678	03	C	V3523 SS	1679	03	C	V3536	1680	03	C	V3536 SS	1681	03	C
V3539	1682	03	C	V3539 SS	1683	03	C	V3540 SS	1684	03	C	V3545	1685	03	C
V3545 SS	1686	02		V3550 SS	1687	03	C	V3551 SS	1688	03	C	V3571	1689	03	C
V3572	1690	03	C	V3613 SS	1691	01		V3614	1692	03	C	V3614 SS	1693	01	
V3623 SS	1694	01		V3624	1695	03	C	V3633 SS	1696	01		V3634	1697	03	C
V3634 SS	1698	01		V3643 SS	1699	01		V3644	1700	03	C	V3644 SS	1701	01	
V3651	1702	03	C	V3651 SS	1703	01		V3652	1704	03	C	V3652 SS	1705	01	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
V3654	1706	03	C	V3654 SS	1707	03	C	V3656	1708	03	C	V3656 PB	1709	03	C
V3658	1710	03	C	V3658 SS	1711	03	C	V3659	1712	03	C	V3659 SS	1713	03	C
V3660	1714	03	C	V3660 SS	1715	03	C	V3664	1716	03	C	V3664 SS	1717	03	C
V3665	1718	03	C	V3665 SS	1719	03	C	V5200 SS	1720	02		V5201 SS	1721	02	
V5202 SS	1722	02		V5203 SS	1723	03	C	V5204 SS	1724	03	C	V5205 SS	1725	03	C
WG COMPR 2A	1726	01		WG COMPR 2A SS	1727	02	R	WG COMPR 2A TB	1728	02	R	WG COMPR 2B	1729	02	R
WG COMPR 2B SS	1730	02	R	WG COMPR 2B TB	1731	02	R	WHM-955D	1732	01		WHM-965D	1733	01	
WM-1606-1	1734	02		WM-1606-1	1735	01		X-1	1736	01		X-2	1737	01	
X-3	1738	01		X-4	1739	01		X-5	1740	01		X-6	1741	01	
XD1-1	1742	01		XD1-2	1743	01		XD1-3	1744	01		XD1-4	1745	01	
XD1-5	1746	01		XD2-1	1747	01		XD2-2	1748	01		XD2-3	1749	01	
XD2-4	1750	01		XD2-5	1751	01		XD3-1	1752	01		XD3-2	1753	01	
XD3-3	1754	01		XD4-1	1755	01		XD4-2	1756	01		XD4-3	1757	01	
XD5-1	1758	01		XD5-2	1759	01		XD5-3	1760	01		XD6-1	1761	01	
XD6-2	1762	01		XD6-3	1763	01		ZI-25-17	1764	02		ZI-3301	1765	01	
ZI-3306	1766	01		ZI-3512	1767	01		ZI-3523	1768	01		ZI-3536	1769	01	
ZI-3539	1770	01		ZI-3540	1771	01		ZI-3545	1772	01		ZI-3614	1773	01	
ZI-3615	1774	01		ZI-3616	1775	01		ZI-3617	1776	01		ZI-3624	1777	01	
ZI-3625	1778	01		ZI-3626	1779	01		ZI-3627	1780	01		ZI-3634	1781	01	
ZI-3635	1782	01		ZI-3636	1783	01		ZI-3637	1784	01		ZI-3644	1785	01	
ZI-3645	1786	01		ZI-3646	1787	01		ZI-3647	1788	01		ZI-3657	1789	01	
2HVE-10B PB	1790	03	C	2HVE-13A PB	1791	01		2HVE-13B PB	1792	01		2HVE-41A SS	1793	01	
2HVE-6A PB	1794	03	C	2HVE-6B PB	1795	03	C	2HVE-9A	1796	03	C	2HVE-9A PB	1797	03	C
2HVE-9B	1798	03	C	2HVE-9B PB	1799	03	C	2HVS-1A	1800	03	C	2HVS-1B	1801	03	C
2HVS-1C	1802	03	C	2HVS-1D	1803	03	C	2HVS-2A	1804	02		2HVS-2B	1805	02	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
2HVS-4A	1806	03	C	2HVS-4B	1807	03	C	2RV-1 SS	1808	01		2RV-2 SS	1809	02	
2RV-3 SS	1810	02		2RV-4 SS	1811	02		MV-07-3	1812	02		MV-07-4	1813	02	
ZS-25-10	1814	03	C	ZS-25-100	1815	01		ZS-25-101	1816	02		ZS-25-102	1817	01	
ZS-25-103	1818	01		ZS-25-104	1819	01		ZS-25-105	1820	01		ZS-25-106	1821	01	
ZS-25-107	1822	01		ZS-25-108	1823	01		ZS-25-109	1824	01		ZS-25-11	1825	03	C
ZS-25-110	1826	01		ZS-25-111	1827	01		ZS-25-112	1828	01		ZS-25-113	1829	01	
ZS-25-114	1830	02	R	ZS-25-12	1831	03	C	ZS-25-13	1832	03	C	ZS-25-14	1833	03	C
ZS-25-15	1834	03	C	ZS-25-16	1835	03	C	ZS-25-17	1836	03	C	ZS-25-2	1837	03	C
ZS-25-20	1838	02		ZS-25-21	1839	01		ZS-25-22	1840	01		ZS-25-23	1841	01	
ZS-25-24	1842	01		ZS-25-25	1843	01		ZS-25-26	1844	01		ZS-25-27	1845	01	
ZS-25-28	1846	01		ZS-25-29	1847	01		ZS-25-3	1848	03	C	ZS-25-30	1849	03	C
ZS-25-31	1850	03	C	ZS-25-32	1851	03	C	ZS-25-33	1852	03	C	ZS-25-35	1853	03	C
ZS-25-36	1854	03	C	ZS-25-37	1855	03	C	ZS-25-38	1856	03	C	ZS-25-39	1857	03	C
ZS-25-4	1858	03	C	ZS-25-40	1859	03	C	ZS-25-41	1860	03	C	ZS-25-42	1861	03	C
ZS-25-43	1862	03	C	ZS-25-44	1863	03	C	ZS-25-44A	1864	02	R	ZS-25-44B	1865	02	R
ZS-25-45	1866	03	C	ZS-25-45A	1867	02	R	ZS-25-45B	1868	02	R	ZS-25-46	1869	03	C
ZS-25-46A	1870	02	R	ZS-25-46B	1871	02	R	ZS-25-47	1872	03	C	ZS-25-47A	1873	02	R
ZS-25-47B	1874	02	R	ZS-25-48	1875	02		ZS-25-49	1876	01		ZS-25-5	1877	03	C
ZS-25-50	1878	03	C	ZS-25-51	1879	01		ZS-25-52	1880	03	C	ZS-25-52A	1881	02	R
ZS-25-52B	1882	02	R	ZS-25-53	1883	03	C	ZS-25-53A	1884	02	R	ZS-25-53B	1885	02	R
ZS-25-54	1886	03	C	ZS-25-54A	1887	02	R	ZS-25-54B	1888	02	R	ZS-25-55	1889	03	C
ZS-25-55A	1890	02	R	ZS-25-55B	1891	02	R	ZS-25-56	1892	03	C	ZS-25-56A	1893	02	R
ZS-25-56B	1894	02	R	ZS-25-57	1895	03	C	ZS-25-57A	1896	02	R	ZS-25-57B	1897	02	R
ZS-25-58	1898	03	C	ZS-25-58A	1899	02	R	ZS-25-58B	1900	02	R	ZS-25-59	1901	01	
ZS-25-59A	1902	02	R	ZS-25-59B	1903	02	R	ZS-25-6	1904	03	C	ZS-25-60	1905	02	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
ZS-25-62	1906	02		ZS-25-63	1907	01		ZS-25-64	1908	02		ZS-25-65	1909	02	
ZS-25-66	1910	02		ZS-25-67	1911	02		ZS-25-7	1912	03	C	ZS-25-72	1913	01	
ZS-25-73	1914	01		ZS-25-74	1915	03	C	ZS-25-75	1916	03	C	ZS-25-76	1917	03	C
ZS-25-77	1918	03	C	ZS-25-78	1919	03	C	ZS-25-79	1920	03	C	ZS-25-8	1921	03	C
ZS-25-80	1922	03	C	ZS-25-81	1923	03	C	ZS-25-82	1924	03	C	ZS-25-83	1925	03	C
ZS-25-84	1926	03	C	ZS-25-85	1927	03	C	ZS-25-88	1928	03	C	ZS-25-89	1929	03	C
ZS-25-9	1930	03	C	ZS-25-92	1931	03	C	ZS-25-93	1932	03	C	ZS-25-96	1933	03	C
ZS-25-97	1934	03	C	ZS-25-98	1935	01		ZS-25-99	1936	01		WCSF-N SERIES	1937	03	C
H2 ANLR SYSTEM	1938	03	C	B/M D15 SERIES	1939	03	C	B/M D26 SERIES	1940	03	C	H2 RMB 2A	1941	03	C
H2 RMB 2A CP	1942	02		H2 RMB 2A PP	1943	02		H2 RMB 2B	1944	03	C	H2 RMB 2B CP	1945	02	
H2 RMB 2B PP	1946	02		HCV-09-1A REL	1947	03	C	HCV-09-1B REL	1948	03	C	HCV-09-2A REL	1949	03	C
HCV-09-2B REL	1950	03	C	H2 ANLR SAMPLE	1951	03	C	SE-02-01	1952	03	C	SE-02-02	1953	03	C
SE-02-03	1954	03	C	SE-02-04	1955	03	C	SE-08-1	1956	03	C	SE-08-2	1957	03	C
SE-03-1E.....	1958	02	R	PENET D8	1959	03	C	PENET D7	1960	03	C	PENET E3	1961	03	C
PENET E1	1962	03	C	PENET E2	1963	03	C	PENET E10	1964	03	C	PENET D5	1965	03	C
PENET PLEP-1	1966	03	C	PENET ELEP-1	1967	03	C	PENET C10	1968	03	C	PENET D6	1969	03	C
PENET D9	1970	03	C	PENET E4	1971	03	C	PENET E5	1972	03	C	PENET E7	1973	03	C
PENET E8	1974	03	C	PENET E9	1975	03	C	PENET A1	1976	03	C	PENET A2	1977	03	C
PENET A3	1978	03	C	PENET A4	1979	03	C	PENET A6	1980	03	C	PENET A7	1981	03	C
PENET A8	1982	03	C	PENET B1	1983	03	C	PENET B2	1984	03	C	PENET B3	1985	03	C
PENET B5	1986	03	C	PENET B6	1987	03	C	PENET B8	1988	03	C	PENET B9	1989	03	C
PENET C2	1990	03	C	PENET C3	1991	03	R	PENET C4	1992	03	C	PENET C5	1993	03	C
PENET C6	1994	03	C	PENET C7	1995	03	R	PENET C8	1996	03	C	PENET C9	1997	03	C
PENET D1	1998	03	C	PENET D2	1999	03	C	PENET D3	2000	03	R	QUALIFIED COND	2001	02	R
B/M D80 SERIES	2002	03	C	EHC-2HVE-6A2	2003	03	C	EHC-2HVE-6B1	2004	03	C	EHC-2HVE-6B2	2005	03	C

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
B/M D54 SERIES	2006	03	C	B/M D52 SERIES	2007	03	C	B/M D63 SERIES	2008	03	C	B/M D62 SERIES	2009	03	C
B/M D71 SERIES	2010	03	C	B/M D60 SERIES	2011	03	C	B/M D61 SERIES	2012	03	C	2HVA/ACC-3A	2013	02	
2HVA/ACC-3A TH	2014	02		2HVA/ACC-3B	2015	02		2HVA/ACC-3C	2016	02		2HVA/ACC-3C TH	2017	02	
FCV-07-1A	2018	02	R	FCV-07-1B	2019	02	R	V2522	2020	03	C	V2523	2021	03	C
V2524	2022	03	C	FCV-07-1A	2023	03	C	FCV-07-1B	2024	03	C	HCV-25-6A	2025	03	C
HCV-25-7A	2026	03	C	FCV-07-1A(,N.C	2027	02	R	FCV-07-1B(,N.C	2028	02	R	FCV-07-1A(,N.C	2029	02	R
FCV-07-1B(,N.C	2030	02	R	HCV-25-6A	2031	02	R	FCV-07-1A(,N.C	2032	02	R	FCV-07-1A(,N.C	2033	02	R
FCV-07-1B(,N.C	2034	02	R	FCV-26-1CM	2035	03	C	FCV-26-1CM	2036	03	C	FCV-26-3CM	2037	03	C
FCV-26-5CM	2038	03	C	FCV-23-6CM	2039	03	C	FCV-23-4CM	2040	03	C	FCV-25-3CM	2041	03	C
FCV-25-4CM	2042	03	C	FCV-25-20CM	2043	03	C	FSE-27-8CM	2044	03	C	FSE-27-9CM	2045	03	C
FSE-27-10CM	2046	03	C	FSE-27-11CM	2047	03	C	FSE-27-12CM	2048	03	C	FSE-27-13CM	2049	03	C
FSE-27-14CM	2050	03	C	HCV-14-1CM	2051	03	C	HCV-14-2CM	2052	03	C	HCV-3618CM	2053	03	C
HCV-3628CM	2054	03	C	HCV-3638CM	2055	03	C	HCV-3648CM	2056	03	C	LCV-07-11ACM	2057	03	C
SE-02-1CM	2058	03	C	SE-02-2CM	2059	03	C	SE-02-3CM	2060	03	C	SE-02-4CM	2061	03	C
SE-03-1ACM	2062	03	C	SE-03-1BCM	2063	03	C	SE-03-1CCM	2064	03	C	SE-03-1DCM	2065	03	C
SE-03-2ACM	2066	03	C	SE-03-2BCM	2067	03	C	SE-07-4CM	2068	02		TE-1112CACM	2069	03	C
TE-1112CBCM	2070	03	C	TE-1112CCCM	2071	03	C	TE-1112CDCM	2072	03	C	TE-1112HACM	2073	03	C
TE-1112HBCM	2074	03	C	TE-1112HCCM	2075	03	C	TE-1112HDCM	2076	03	C	TE-1115CM	2077	03	C
TE-1122CACM	2078	03	C	TE-1122CBCM	2079	03	C	TE-1122CCCM	2080	03	C	TE-1122CDCM	2081	03	C
TE-1122HACM	2082	03	C	TE-1122HBCM	2083	03	C	TE-1122HCCM	2084	03	C	TE-1122HDCM	2085	03	C
TE-1125CM	2086	03	C	TE-07-3A CM	2087	03	C	TE-07-3B CM	2088	03	C	TE-07-5B CM	2089	03	C
V1460 CM	2090	03	C	V1461 CM	2091	03	C	V1462 CM	2092	03	C	V1463 CM	2093	03	C
V1464 CM	2094	02		V1464 CM	2095	03	C	V1465 CM	2096	03	C	V1466 CM	2097	03	C
V2515 CM	2098	03	C	V2516 CM	2099	03	C	V2524 CM	2100	03	C	V3571 CM	2101	03	C
V3572 CM	2102	03	C	V5200 CM	2103	02		V5201 CM	2104	02		V5202 CM	2105	02	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
V6346 CM	2106	03	C	V6718 CM	2107	03	C	H2 RMB 2A CM	2108	03	C	H2 RMB 2B CM	2109	03	C
TE-07-3A	2110	03	N	TE-07-3B	2111	03	N	TE-07-5A	2112	03	N	TE-07-5B	2113	03	N
HCV-25-6	2114	03	N	HCV-25-7	2115	03	N	FCV-23-6(,F.C.	2116	03	N	LE-07-14A	2117	03	N
LE-07-13A	2118	03	N	LE-07-13B	2119	03	N	LT-07-13A	2120	03	N	LT-07-13B	2121	03	N
LT-07-14A	2122	03	N	PDIC-25-23B1	2123		N	V2514 (FAI)	2124	03	N	V3540 (LC) FAI	2125	03	N
V3550 (LC) FAI	2126	03	N	V3551 (LC) FAI	2127	03	N	V3523 (LC) FAI	2128	03	D	V6718(F.C)	2129	03	N
V6750(F.C)	2130	03	N	V1474	2131	03	N	V1475	2132	03	N	V1460	2133	03	N
V1461	2134	03	N	V1462	2135	03	N	V1464	2136	03	N	V1465	2137	03	N
V1466	2138	03	N	V2514	2139	03	N	V1463	2140	03	N	V2505	2141	03	N
V2650	2142	03	N	V2512	2143	03	N	V2651	2144	03	N	V3540	2145	03	N
V-5200	2146	03	N	V-5201	2147	03	N	V-5202	2148	03	N	V-5203	2149	03	N
V-5204	2150	03	N	V-5205	2151	03	N	V-3733	2152	03	N	V-3734	2153	03	N
V-3735	2154	03	N	V-3736	2155	03	N	V-3737	2156	03	N	V-3738	2157	03	N
V-3739	2158	03	N	V-3740	2159	03	N	V-6341	2160	03	N	V-6718	2161	03	N
V-6750	2162	03	N	V-6741	2163	03	N	SE-17-1A	2164	03	N	SE-17-1B	2166	03	N
SE-17-2B	2167	03	N	SE-07-5A	2168	03	N	SE-07-5E	2169	03	N	2L-7A	2170	03	N
2L-7B	2171	03	N	V-1476	2172	03	N	V1427	2173	03	N	V3550	2174	03	N
V3551	2175	03	N	V3523	2176	03	N	V3454	2177	03	N	V3495	2178	03	N
V3611	2179	03	N	V3621	2180	03	N	V3631	2181	03	N	V3641	2182	03	N
V3611	2183	03	N	V3611	2184	03	N	V3621	2185	03	N	V3631	2186	03	N
PY-1103	373	1		PY-1103-1	374	1		PY-1105	377	1		PY-1105-1	378	1	
PY-1106-1	380	1													

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
PDIC-25-23B1	2123		N	ZS-25-99	1936	01		ZS-25-98	1935	01		ZS-25-73	1914	01	
ZS-25-72	1913	01		ZS-25-63	1907	01		ZS-25-59	1901	01		ZS-25-51	1879	01	
ZS-25-49	1876	01		ZS-25-29	1847	01		ZS-25-28	1846	01		ZS-25-27	1845	01	
ZS-25-26	1844	01		ZS-25-25	1843	01		ZS-25-24	1842	01		ZS-25-23	1841	01	
ZS-25-22	1840	01		ZS-25-21	1839	01		ZS-25-113	1829	01		ZS-25-112	1828	01	
ZS-25-111	1827	01		ZS-25-110	1826	01		ZS-25-109	1824	01		ZS-25-108	1823	01	
ZS-25-107	1822	01		ZS-25-106	1821	01		ZS-25-105	1820	01		ZS-25-104	1819	01	
ZS-25-103	1818	01		ZS-25-102	1817	01		ZS-25-100	1815	01		2RV-1 SS	1808	01	
2HVE-41A SS	1793	01		2HVE-13B PB	1792	01		2HVE-13A PB	1791	01		ZI-3657	1789	01	
ZI-3647	1788	01		ZI-3646	1787	01		ZI-3645	1786	01		ZI-3644	1785	01	
ZI-3637	1784	01		ZI-3636	1783	01		ZI-3635	1782	01		ZI-3634	1781	01	
ZI-3627	1780	01		ZI-3626	1779	01		ZI-3625	1778	01		ZI-3624	1777	01	
ZI-3617	1776	01		ZI-3616	1775	01		ZI-3615	1774	01		ZI-3614	1773	01	
ZI-3545	1772	01		ZI-3540	1771	01		ZI-3539	1770	01		ZI-3536	1769	01	
ZI-3523	1768	01		ZI-3512	1767	01		ZI-3306	1766	01		ZI-3301	1765	01	
XD6-3	1763	01		XD6-2	1762	01		XD6-1	1761	01		XD5-3	1760	01	
XD5-2	1759	01		XD5-1	1758	01		XD4-3	1757	01		XD4-2	1756	01	
XD4-1	1755	01		XD3-3	1754	01		XD3-2	1753	01		XD3-1	1752	01	
XD2-5	1751	01		XD2-4	1750	01		XD2-3	1749	01		XD2-2	1748	01	
XD2-1	1747	01		XD1-5	1746	01		XD1-4	1745	01		XD1-3	1744	01	
XD1-2	1743	01		XD1-1	1742	01		X-6	1741	01		X-5	1740	01	
X-4	1739	01		X-3	1738	01		X-2	1737	01		X-1	1736	01	
WM-1606-1	1735	01		WHM-965D	1733	01		WHM-955D	1732	01		WG COMPR 2A	1726	01	
V3652 SS	1705	01		V3651 SS	1703	01		V3644 SS	1701	01		V3643 SS	1699	01	
V3634 SS	1698	01		V3633 SS	1696	01		V3623 SS	1694	01		V3614 SS	1693	01	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
V3613 SS	1691	01		V2501 (FAI)	1649	01		V2104	1648	01		VM-964	1647	01	
VM-954	1646	01		VM-942	1645	01		VM-1616D	1644	01		VM-1616-1	1643	01	
VM-1606D	1642	01		VM-1606-1	1641	01		VM-1002	1640	01		VM-1001	1639	01	
VARM-1616	1638	01		TY-07-5B	1594	01		TR-3303Z	1589	01		TR-3303W	1588	01	
TR-25-2B(HVCB,	1587	01		TR-25-2B	1586	01		TR-25-2B	1585	01		TR-25-2B	1584	01	
TR-25-2B	1583	01		TR-25-2A(HVCB,	1582	01		TR-25-2A	1581	01		TR-25-2A	1580	01	
TR-25-2A	1579	01		TR-25-2A	1578	01		TR-25-2A	1577	01		TR-25-1B	1576	01	
TR-25-1B	1575	01		TR-25-1B	1574	01		TR-25-1B	1573	01		TR-25-1B	1572	01	
TR-25-1A	1571	01		TR-25-1A	1570	01		TR-25-1A	1569	01		TR-25-1A	1568	01	
TR-25-1A	1567	01		TR-1125	1566	01		TR-1115	1565	01		TI-3352Y	1562	01	
TI-3351Y	1561	01		TI-3303Y	1560	01		TI-3303X	1559	01		TI-1125-1	1558	01	
TI-1125	1557	01		TI-1115-1	1556	01		TI-1115	1555	01		TI-1102D	1554	01	
TI-1102C	1553	01		TI-1102B	1552	01		TI-1102A	1551	01		TI-07-3A/5A	1550	01	
SWGR 2B3-9 4KV	1519	01		SWGR 2B3-8 4KV	1518	01		SWGR 2B3-7 4KV	1517	01		SWGR 2B3-6 4KV	1516	01	
SWGR 2B3-5 4KV	1515	01		SWGR 2B3-4 4KV	1514	01		SWGR 2B3-12 4K	1513	01		SWGR 2B3-11 4K	1512	01	
SWGR 2B3-10 4K	1511	01		SWGR 2B3-1 4KV	1510	01		SWGR 2B2-7 480	1509	01		SWGR 2B2-5 480	1507	01	
SWGR 2B2-2 480	1505	01		SWGR 2A3-9 4KV	1503	01		SWGR 2A3-8 4KV	1502	01		SWGR 2A3-7 4KV	1501	01	
SWGR 2A3-6 4KV	1500	01		SWGR 2A3-5 4KV	1499	01		SWGR 2A3-3 4KV	1498	01		SWGR 2A3-2 4KV	1497	01	
SWGR 2A3-12 4K	1496	01		SWGR 2A3-11 4K	1495	01		SWGR 2A3-10 4K	1494	01		SWGR 2A3-1 4KV	1493	01	
SWGR 2AB-5 4KV	1484	01		SWGR 2AB-4 4KV	1483	01		SWGR 2AB-3 4KV	1482	01		SWGR 2AB-2C TB	1481	01	
SWGR 2AB-2B TB	1480	01		SWGR 2AB-2A TB	1479	01		SWGR 2AB-2 480	1478	01		SWGR 2AB-2 4KV	1477	01	
SWGR 2AB-1D TB	1476	01		SWGR 2AB-1C TB	1475	01		SWGR 2AB-1B TB	1474	01		SWGR 2AB-1A	1473	01	
SWGR 2AB-1 480	1472	01		SWGR 2AB-1 4KV	1471	01		STAT INVRT 2B	1467	01		STAT INVRT 2A	1466	01	
STA SERV XFMR	1465	01		STA SERV XFMR	1463	01		SE-17-2B(,BYPA	1454	01		SE-17-2B(,*)	1453	01	
SE-17-2A(,BYPA	1452	01		SE-17-2A(,*)	1451	01		SE-17-1B(,BYPA	1450	01		SE-17-1B(,*)	1449	01	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
SE-17-1A(,BYPA	1448	01		SE-17-1A(,*)	1447	01		SE-07-3B(,F.O.	1446	01		SE-07-3A(,EO.C	1445	01	
REAC TRIP SWGR	1430	01		PY-1102D	1370	01		PY-1102C	1367	01		PY-1102B	1364	01	
PY-1102A	1361	01		PT-3309	1338	01		PT-3308	1337	01		PT-3307	1336	01	
PT-3306	1335	01		PT-3305	1334	01		PT-3304	1333	01		PT-3302	1332	01	
PT-3301	1331	01		PT-21-8B	1329	01		PT-21-8A	1328	01		PS-23-6	1301	01	
PS-23-5	1300	01		PS-23-4	1299	01		PS-23-3	1298	01		PR-3306	1282	01	
PR-3305	1281	01		PR-3302	1280	01		PR-3301	1279	01		PR-25-1B	1278	01	
PR-25-1B	1277	01		PR-25-1B	1276	01		PR-25-1A	1275	01		PR-25-1A	1274	01	
PR-1107	1273	01		PIS-21-8B(202,	1248	01		PIS-21-8A(202,-	1247	01		PIS-07-3B (206	1246	01	
PIS-07-3A (206	1245	01		PIS-07-2D(206,	1244	01		PIS-07-2C(206,	1243	01		PIS-07-2B(206,	1242	01	
PIS-07-2A(206,	1241	01		PIC-1106	1240	01		PIC-1105	1239	01		PIC-1104	1238	01	
PIC-1103	1237	01		PIC-08-1B(202)	1236	01		PIC-08-1A(202)	1235	01		PIA-2212	1234	01	
PIA-1102D	1232	01		PIA-1102CLL	1231	01		PIA-1102C	1230	01		PIA-1102B	1228	01	
PIA-1102A	1227	01		PI-1107	1209	01		PI-1102D	1204	01		PI-1102C	1203	01	
PI-1102B	1202	01		PI-1102A	1201	01		PI-09-8B	1199	01		PI-09-8A	1198	01	
PI-08-5	1197	01		PI-07-5A	1196	01		PI-07-4A	1195	01		PDT-25-17B	1164	01	
PDT-25-17A	1163	01		PDT-25-16B	1162	01		PDT-25-16A	1161	01		PDT-25-15B	1160	01	
PDT-25-15A	1159	01		PDT-25-13B	1156	01		PDT-25-13A	1155	01		PDT-25-1B	1154	01	
PDT-25-1A	1153	01		PDS-25-7B	1144	01		PDS-25-7A	1143	01		PDS-25-17B	1142	01	
PDS-25-17A	1141	01		PDS-25-13B	1140	01		PDS-25-13A	1139	01		PDIS-25-9B	1138	01	
PDIS-25-9A	1137	01		PDIS-25-8B	1136	01		PDIS-25-8A	1135	01		PDIS-25-8A	1134	01	
PDIS-25-7B	1133	01		PDIS-25-7A	1132	01		PDIS-25-5B	1131	01		PDIS-25-5A	1130	01	
PDIS-25-23B	1129	01		PDIS-25-23A	1128	01		PDIS-25-1B	1127	01		PDIS-25-1A	1126	01	
PDI-25-15B	1125	01		PDI-25-15A	1124	01		PDI-1101D	1123	01		PDI-1101C	1122	01	
PDI-1101B	1121	01		PDI-1101A	1120	01		PC-1105-1	1119	01		PC-1105	1118	01	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
PC-1104-2	1117	01		PC-1104-1	1116	01		PC-1104	1115	01		PC-1103-1	1114	01	
PA-1106-2	1112	01		PA-1106-1	1111	01		PA-1106	1110	01		PA-1105-1	1109	01	
PA-1105	1108	01		PA-1104-2	1107	01		PA-1104-1	1106	01		PA-1104	1105	01	
PA-1103-1	1104	01		PA-1103	1103	01		MV-21-4B PB	1101	01		MV-21-4B(,S1AS	1100	01	
MV-21-4A PB	1099	01		MV-21-4A(,S1AS	1098	01		MV-21-3 PB	1097	01		MV-21-3(,SIAS)	1096	01	
MV-21-2(,SIAS)	1094	01		MV-14-4 PB	1091	01		MV-14-4(,N.C.)	1090	01		MV-14-3 PB	1089	01	
MV-14-3(,N.C.)	1088	01		MV-14-2 PB	1085	01		MV-14-1(,N.C.)	1062	01		MV-07-1B(RAS)	1018	01	
MV-07-1A(RAS)	1016	01		MCC 2B5-AF (48	0985	01		MCC 2AB-AF	0945	01		LY-9123	0944	01	
LY-9113	0943	01		LY-9023D-1	0942	01		LY-9023D	0941	01		LY-9023C-1	0940	01	
LY-9023C	0939	01		LY-9023B-1	0938	01		LY-9023B	0937	01		LY-9023A-1	0936	01	
LY-9023A	0935	01		LY-9013D-1	0934	01		LY-9013D	0933	01		LY-9013C-1	0932	01	
LY-9013C	0931	01		LY-9013B-1	0930	01		LY-9013B	0929	01		LY-9013A-1	0928	01	
LY-1110Y-1	0926	01		LY-1110X-1	0925	01		LY-1105	0924	01		LY-1104	0923	01	
LT-12-11	0912	01		LT-07-9	0907	01		LT-07-2D	0906	01		LT-07-2C	0905	01	
LT-07-2B	0904	01		LT-07-2A	0903	01		LS-4421	0902	01		LS-3-1,2 FS BO	0901	01	
LS-21-5B	0897	01		LS-21-5A	0896	01		LS-17-553B(,*,	0895	01		LS-17-553A(,*,	0894	01	
LS-17-552B(,*,	0893	01		LS-17-552A(,*,	0892	01		LS-17-10B(,A,L	0891	01		LS-17-10A(,A,D	0890	01	
LS-14-6B	0889	01		LS-14-6A	0888	01		LS-14-5(206,A,	0887	01		LS-14-1B(206,A	0886	01	
LS-14-1A(206,A	0885	01		LS-12-8(202-A,	0884	01		LS-07-7C	0883	01		LS-07-7B	0882	01	
LS-07-7A	0881	01		LS-07-10B	0879	01		LS-07-10A	0878	01		LR-9023D	0873	01	
LR-9013D	0872	01		LR-1110X	0871	01		LR-1110	0870	01		LR-07-2D(206)	0869	01	
LIS-12-11(202,	0864	01		LIS-07-9(206,A	0863	01		LIS-07-2D(206)	0862	01		LIS-07-2C(206)	0861	01	
LIS-07-2B(206)	0860	01		LIS-07-2A(206)	0859	01		LIA-2208	0858	01		LIA-2206	0857	01	
LI-9123	0856	01		LI-9113	0855	01		LI-1105	0854	01		LI-1104	0853	01	
IRS HDRZN P 2B	0812	01		IRS HDRZN P 2A	0811	01		IRS HDRZN P 2A	0810	01		INT CGW P 2C P	0809	01	

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION INDEX LIST CAPACITY: 890 MW(E) SORTED BY: REV #

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
INT CGW P 2C	0808	01		INT CGW P 2B P	0807	01		INT CGW P 2B	0806	01		INT CGW P 2A P	0805	01	
INT CGW P 2A	0804	01		INST BUS 2MD	0803	01		INST BUS 2MC	0802	01		INST BUS 2MB	0801	01	
INST BUS 2MA	0800	01		HIC-09-1C(202)	0780	01		HCV-14-8A(.F.C	0755	01		FY-3306	0707	01	
FY-3301	0703	01		FY-2212	0700	01		FT-3343	0687	01		FT-3342	0686	01	
FT-3341	0685	01		FT-3333	0684	01		FT-3332	0683	01		FT-3331	0682	01	
FT-3327	0681	01		FT-3325	0680	01		FT-3323	0679	01		FT-3322	0678	01	
FT-3321	0677	01		FT-3317	0676	01		FT-3315	0675	01		FT-3313	0674	01	
FT-3312	0673	01		FT-3311	0672	01		FT-3306	0671	01		FT-3301	0670	01	
FT-25-21B2	0669	01		FT-25-21B1	0668	01		FT-25-19B2	0661	01		FT-25-19B1	0660	01	
FT-25-19A2	0659	01		FT-25-19A1	0658	01		FT-25-18B	0657	01		FT-25-18A	0656	01	
FT-14-6	0654	01		FT-14-2	0653	01		FT-14-15D	0652	01		FT-14-15C	0651	01	
FT-14-15B	0650	01		FT-14-15A	0649	01		FT-14-10B	0648	01		FT-14-10A	0647	01	
FT-14-1B	0646	01		FT-14-1A	0645	01		FT-07-2-2	0633	01		FT-07-2-1	0632	01	
FT-07-1B2	0631	01		FT-07-1B1	0630	01		FT-07-1A2	0629	01		FT-07-1A1	0628	01	
FS-25-9B	0616	01		FS-25-9A	0615	01		MV-09-09	0608	01		FS-25-23B	0607	01	
FS-25-23A	0606	01		FS-25-22B	0605	01		FS-25-22A	0604	01		FS-25-20B2	0603	01	
FS-25-20A2	0602	01		FS-25-16B	0597	01		FS-25-16A	0596	01		FS-25-12B	0595	01	
FS-25-10C	0591	01		FS-25-10B	0590	01		FR-3301	0588	01		FR-3343	0587	01	
FR-3333	0586	01		FR-3327	0585	01		FR-3323	0584	01		FR-3317	0583	01	
FR-3313	0582	01		FR-3306	0581	01		FR-3301	0580	01		FR-25-1B	0579	01	
FR-25-1B	0578	01		FR-25-1A	0577	01		FR-25-1A	0576	01		FR-09-2A(SP)	0573	01	
FR-09-2A(202)	0572	01		FR-07-1B(206)	0571	01		FR-07-1A(206)	0570	01		FP P 2B SS	0569	01	
FP P 2B	0568	01		FP P 2A SS	0567	01		FP P 2A	0566	01		FIS-25-20B1	0563	01	
FIS-25-20A1	0562	01		FIS-14-1A(206,	0561	01		FIC-25-21B1	0558	01		FIC-25-21A1	0557	01	
FIC-25-20B1	0556	01		FIC-25-20A1	0555	01		FIC-25-19B1	0554	01		FIC-25-19A1	0553	01	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
FIA-2212	0552	01		FI-3342	0551	01		FI-3341	0550	01		FI-3332	0549	01	
FI-3331	0548	01		FI-3325	0547	01		FI-3322	0546	01		FI-3321	0545	01	
FI-3315	0544	01		FI-3312	0543	01		FI-3311	0542	01		FI-3301	0538	01	
FI-25-21B1	0537	01		FI-25-21A1	0536	01		FI-25-19B1	0535	01		FI-25-19A1	0534	01	
FI-25-18B	0533	01		FI-25-18A	0532	01		FI-14-4	0529	01		FI-14-3B	0528	01	
FI-14-3A	0527	01		FI-13-7	0526	01		FI-13-5	0525	01		FI-13-4	0524	01	
FI-13-3	0523	01		FI-13-2	0522	01		FI-13-1	0521	01		FI-09-4D	0520	01	
FI-09-4C	0519	01		FI-09-4B	0518	01		FI-09-4A	0517	01		FI-09-2C(202)	0516	01	
FI-09-2B(202)	0515	01		FI-09-2A(202)	0514	01		FI-07-2(206)	0513	01		FI-07-1B(206)	0512	01	
FI-07-1A(206)	0511	01		FF-25-21B2	0510	01		FF-25-21B1	0509	01		FF-25-21A1	0508	01	
FF-25-20B2	0507	01		FF-25-20B1	0506	01		FF-25-20A2	0505	01		FF-25-20A1	0504	01	
FF-25-19B2	0503	01		FF-25-19B1	0502	01		FF-25-19A1	0501	01		FF-25-18B	0500	01	
FF-25-18A	0499	01		FF-14-6(,5)	0498	01		FF-14-2(206)	0497	01		FF-14-15D(,V)	0496	01	
FF-14-15C(,V)	0495	01		FF-14-15B(,V)	0494	01		FF-14-15A(,V)	0493	01		FF-14-10B(206)	0492	01	
FF-14-10A(206,	0491	01		FF-14-1B(206,V	0490	01		FF-14-1A(206,5	0489	01		FF-1188	0488	01	
FF-1168	0487	01		FF-1158	0486	01		FF-09-2C2(202)	0485	01		FF-09-2C1(202)	0484	01	
FF-09-2B1(202)	0483	01		FF-09-2A2(202)	0482	01		FF-09-2A1(202)	0481	01		FF-07-2I(206)	0480	01	
FF-07-2-2(206)	0479	01		FF-07-1B1(206)	0478	01		FF-07-1A2(206)	0477	01		FF-07-1A1(206)	0476	01	
FCV-25-25	0446	01		FCV-25-24	0445	01		FCV-25-19	0441	01		FCV-25-18	0440	01	
FCV-25-17 (,FA	0439	01		FCV-25-16 (,FA	0438	01		FCV-25-15 (,FA	0437	01		FCV-25-14 (,FA	0436	01	
FCV-221OY (FC)	0424	01		FC-3306	0413	01		FC-3301	0412	01		ENG 2B2 TB	0405	01	
ENG 2B1 TB	0404	01		ENG 2A2 TB	0403	01		ENG 2A1 TB	0402	01		DO TRANS P 2B	0401	01	
DO TRANS P 2A	0400	01		DG 2B TB	0399	01		DG 2B CT TB	0398	01		DG 2B	0397	01	
DG 2A TB	0396	01		DG 2A CT TB	0395	01		DG 2A	0394	01		DC BUS 2B	0393	01	
DC BUS 2AB	0392	01		DC BUS 2A	0391	01		DC BUS MD	0390	01		DC BUS MC	0389	01	

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV # 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION INDEX LIST CAPACITY: 890 MW(E) SORTED BY: REV #

TAG #	CES#	REV.	STA TUS	TAG #	CES#	REV.	STA TUS	TAG #	CES#	REV.	STA TUS	TAG #	CES#	REV.	STA TUS
DC BUS MB	0388	01		DC BUS MA	0387	01		D-7B (F.C.)	0382	01		D-7A (F.C.)	0381	01	
D-40	0376	01		D-35 (N.O.,F.C	0372	01		D-34 (N.O.,F.C	0371	01		D-33 (N.O.,F.C	0370	01	
D-32 (N.O.,F.C	0369	01		D-31 (N.O.,F.C	0368	01		D-30 (N.O.,F.C	0367	01		D-29 (N.O.,F.C	0365	01	
D-22 (F.O.)	0362	01		D-21 (F.O.)	0361	01		D-20 (F.O.)	0360	01		D-19 (F.O.)	0358	01	
D-18 (F.O.)	0357	01		D-17B (F.O.)	0356	01		D-17A (F.O.)	0355	01		D-12B (FC)	0350	01	
D-12A (FC)	0349	01		CS-982	0341	01		CS-981	0340	01		CS-980	0339	01	
CS-979	0338	01		CS-978	0337	01		CS-977	0336	01		CS-968	0335	01	
CS-968	0334	01		CS-967	0333	01		CS-963	0332	01		CS-958	0331	01	
CS-957	0330	01		CS-953	0329	01		CS-948	0328	01		CS-946	0327	01	
CS-944	0326	01		CS-943	0325	01		CS-941	0324	01		CS-940	0323	01	
CS-939	0322	01		CS-938	0321	01		CS-937	0320	01		CS-936	0319	01	
CS-849	0318	01		CS-837	0317	01		CS-836	0316	01		CS-835	0315	01	
CS-834	0314	01		CS-833	0313	01		CS-832	0312	01		CS-653-2	0311	01	
CS-653-1	0310	01		CS-652-2	0309	01		CS-652-1	0308	01		CS-638-2	0307	01	
CS-638-1	0306	01		CS-633	0305	01		CS-632-2	0304	01		CS-632-1	0303	01	
CS-630-2	0302	01		CS-630	0301	01		CS-629-2	0300	01		CS-613-2	0298	01	
CS-613-1	0297	01		CS-612-2	0296	01		CS-612-1	0295	01		CS-611-2	0294	01	
CS-611-1	0293	01		CS-610-2	0292	01		CS-610-1	0291	01		CS-609-2	0290	01	
CS-609-1	0289	01		CS-608-2	0288	01		CS-608-1	0287	01		CS-586	0286	01	
CS-536	0285	01		CS-525	0284	01		CS-524	0283	01		CS-523	0282	01	
CS-522	0281	01		CS-513	0280	01		CS-506	0279	01		CS-505	0278	01	
CS-504	0277	01		CS-503	0276	01		CS-496	0275	01		CS-494	0274	01	
CS-492	0273	01		CS-491	0272	01		CS-490	0271	01		CS-317	0270	01	
CS-315	0269	01		CS-314	0268	01		CS-312	0267	01		CS-311	0266	01	
CS-305	0265	01		CS-304	0264	01		CS-303-2	0263	01		CS-303-1	0262	01	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
CS-302-2	0261	01		CS-302-1	0260	01		CS-300	0259	01		CS-299	0258	01	
CS-298	0257	01		CS-297	0256	01		CS-290	0255	01		CS-287	0254	01	
CS-252	0253	01		CS-251	0252	01		CS-248-3	0251	01		CS-248-2	0250	01	
CS-248-1	0249	01		CS-246-3	0248	01		CS-246-2	0247	01		CS-246-1	0246	01	
CS-238	0245	01		CS-237	0244	01		CS-229-1	0243	01		CS-228-1	0242	01	
CS-212-4	0241	01		CS-212-3	0240	01		CS-212-2	0239	01		CS-212-1	0238	01	
CS-211-2	0237	01		CS-211-1	0236	01		CS-209	0235	01		CS-208	0234	01	
CS-207	0233	01		CS-205	0232	01		CS-204	0231	01		CS-203	0230	01	
CS-202-4	0229	01		CS-202-3	0228	01		CS-202-2	0227	01		CS-202-1	0226	01	
CS-201	0225	01		CS-194-2	0224	01		CS-194-1	0223	01		CS-189-4	0222	01	
CS-189-3	0221	01		CS-189-2	0220	01		CS-189-1	0219	01		CS-179	0218	01	
CS-178	0217	01		CS-177	0216	01		CS-176-2	0215	01		CS-176-1	0214	01	
CS-1618-1	0213	01		CS-1608-1	0212	01		CS-157-2	0211	01		CS-157-1	0210	01	
CS-1191	0209	01		CS-1190	0208	01		CS-1178	0207	01		CS-1177	0206	01	
CS-1176	0205	01		CS-1175	0204	01		CS-1174	0203	01		CS-1172	0201	01	
CS-1171	0200	01		CS-1170	0199	01		CS-1164	0198	01		CS-1161	0197	01	
CS-1160	0196	01		CS-1159	0195	01		CS-1158	0194	01		CS-1157	0193	01	
CS-1156	0192	01		CS-1155	0191	01		CS-1154	0190	01		CS-BB-1000	0189	01	
CS-B-1000	0188	01		CS-AA-1000	0187	01		CS-A-1000	0186	01		CCW P 2C PB	0179	01	
CCW P 2C	0178	01		CCW P 2B PB	0177	01		CCW P 2B	0176	01		CCW P 2A PB	0175	01	
CCW P 2A	0174	01		B2984 (TIA-442	0173	01		B2982 (TIA-442	0172	01		B2G86	0135	01	
B2G85	0134	01		B2E53	0116	01		B2E52	0115	01		B2E41	0114	01	
B2E40	0113	01		BAT 2B	0110	01		BAT 2A	0109	01		BA M-U P 2B SS	0108	01	
BA M-U P 2A SS	0105	01		AX-1	0097	01		AS-965D	0090	01		AS-955D	0089	01	
AS-942	0088	01		AS-937	0087	01		AS-936	0086	01		AM-965D	0080	01	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
AM-955D	0079	01		AM-942	0078	01		AM-937	0077	01		AM-936	0076	01	
AM-834	0075	01		AM-833	0074	01		AM-832	0073	01		AM-630	0072	01	
AM-629	0071	01		AM-290	0070	01		AM-287	0069	01		AM-252	0068	01	
AM-251	0067	01		AM-238	0066	01		AM-237	0065	01		AM-209	0064	01	
AM-205	0063	01		AM-201	0062	01		FT-07-2-1	0002	01		SE-02-5	0003	02	
TCV-14-4B	0028	02		TCV-14-4A	0027	02		HCV-14-7	0026	02	R	HCV-14-6	0025	02	R
HCV-14-1	0024	02	R	SE-25-13	0023	02		SE-25-12	0022	02		CBL D9-5	0017	02	R
CBL D9-4	0016	02	R	CBL D9-3	0015	02	R	CBL D9-2	0014	02	R	CBL D9-1	0013	02	R
ANNW-A-10	0084	02	R	ANNW R-52	0083	02	R	ANNW R-33	0082	02	R	ANNW P-10	0081	02	R
ANNW-A-12	0085	02	R	AUX FWP 2C	0091	02	R	ZS-25-91	0040	02		ZS-25-90	0039	02	
ZS-25-87	0038	02		ZS-25-86	0037	02		BA CNDS P 2A S	0100	02	R	BA CNDS P 2A	0099	02	R
AUX FWP 2C	0096	02	R	BA M-U P 2B SP	0107	02	R	BA M-U P 2A SP	0104	02	R	BA CNDS P 2B S	0102	02	R
BA CNDS P 2B	0101	02	R	B2D50	0112	02	R	B2D29	0111	02	R	B2G43	0124	02	
B2G13	0120	02	R	B2E99	0119	02		B2E98	0118	02		B2E90	0117	02	
B2G75	0133	02		B2G73	0132	02		B2G66	0131	02		B2G65	0130	02	
B2G64	0129	02		B2G47	0128	02		B2G46	0127	02		B2G45	0126	02	
B2G44	0125	02		B2078	0156	02		B2077	0155	02		B2075	0154	02	
B2071	0153	02		B2069	0152	02		B2R80	0151	02		B2R79	0150	02	R
B2R78	0149	02		B2R77	0148	02		B2R76	0147	02		B2R75	0146	02	R
B2G99	0144	02		B2351	0167	02		B2349	0166	02		B2079	0157	02	
CS-1173	0202	02		CS-614	0299	02	R	CVCS HT XFMR 2	0347	02	R	CVCS HT XFMR 2	0346	02	R
ES-88	0409	02	R	ES-87	0408	02	R	ES-86	0407	02	R	ES-86	0406	02	R
CS-2/576	0411	02	R	ES-89	0410	02	R	FCV-03-1B SS	0417	02	R	FCV-03-1B(FC)	0416	02	R
FCV-03-1A SS	0415	02	R	FCV-03-1A(FC)	0414	02	R	FCV-03-1E(FC)	0422	02	R	FCV-03-1D SS	0421	02	R
FCV-03-1D(FC)	0420	02	R	FCV-03-1C SS	0419	02	R	FCV-03-1C(FC)	0418	02	R	FCV-26-3	0468	02	R

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION INDEX LIST CAPACITY: 890 MW(E) SORTED BY: REV #

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
FI-21-8B	0531	02		FI-21-8A	0530	02		FI-3301-1	0539	02		FI-3306-1	0541	02	
FI-3306	0540	02		FIC-3301	0559	02		FIC-3306	0560	02		FM-1616	0565	02	
FM-1606	0564	02		FR-09-2C	0575	02	R	FR-09-2B/ZE	0574	02	R	FS-25-10A	0589	02	R
FS-25-11B	0593	02		FS-25-11A	0592	02		FS-25-12A	0594	02		FS-25-2D	0601	02	
FS-25-2C	0600	02		FS-25-2B	0599	02		FS-25-2A	0598	02		FS-25-5A	0609	02	
FS-25-7B	0614	02		FS-25-7A	0613	02		FS-25-6B (,*)	0612	02		FS-25-6A (,*)	0611	02	
FS-25-5B	0610	02		FT-08-1B(, RUN	0634	02		FT-25-20B2	0665	02		FT-25-20B1	0664	02	
FT-25-20A2	0663	02		FT-25-20A1	0662	02		FT-25-21A2	0667	02		FT-25-21A1	0666	02	
FY-1158-1	0689	02		FY-1158	0688	02		FY-2212-1	0701	02		FY-1188-2	0699	02	
FY-1188-1	0698	02		FY-2212-2	0702	02		FY-3301-2	0705	02		FY-3301-1	0704	02	
FY-1188	0697	02		FY-1178-2	0696	02		FY-1178-1	0695	02		FY-1178	0694	02	
FY-1168-2	0693	02		FY-1168-1	0692	02		FY-1168	0691	02		FY-1158-2	0690	02	
V3517	0706	02		FY-3306-2	0709	02		FY-3306-1	0708	02		FY-3312	0713	02	
FY-3311-1	0712	02		FY-3311	0711	02		FY-3306-3	0710	02		FY-3321	0721	02	
FY-3317-1	0720	02		FY-3317	0719	02		FY-3315-1	0718	02		FY-3315	0717	02	
FY-3313-1	0716	02		FY-3313	0715	02		FY-3312-1	0714	02		FY-3341-1	0737	02	
FY-3341	0736	02		FY-3333-1	0735	02		FY-3333	0734	02		FY-3332-1	0733	02	
FY-3332	0732	02		FY-3331	0731	02		FY-3327-1	0730	02		FY-3327	0729	02	
FY-3325-1	0728	02		FY-3325	0727	02		FY-3323-1	0726	02		FY-3323	0725	02	
FY-3322-1	0724	02		FY-3322	0723	02		FY-3321-1	0722	02		HCV-14-9(,F.C,	0757	02	R
HCV-14-8B(,F.C	0756	02	R	HCV-3627(FAI)	0768	02	R	HCV-3626(FAI)	0767	02	R	HCV-3617 PB	0764	02	R
HCV-3616 PB	0763	02	R	HCV-14-10(,F.C	0749	02	R	FY-3343-1	0741	02		FY-3343	0740	02	
FY-3342-1	0739	02		FY-3342	0738	02		HS-1101B	0785	02		HS-1101A	0784	02	
HCV-3647	0799	02	R	HCV-3635	0794	02	R	HCV-3616	0789	02	R	HS-1101D	0787	02	
HS-1101C	0786	02		IRS HDRZN P 2B	0813	02		JI-001D	0817	02		JI-001C	0816	02	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
JI-001B	0815	02		JI-001A	0814	02		JI-006D	0833	02		JI-006C	0832	02	
JI-006B	0831	02		JI-006A	0830	02		JI-005D	0829	02		JI-005C	0828	02	
JI-005B	0827	02		JI-005A	0826	02		JI-004D	0825	02		JI-004C	0824	02	
JI-004B	0823	02		JI-004A	0822	02		JI-003D	0821	02		JI-003C	0820	02	
JI-003B	0819	02		JI-003A	0818	02		JKI-001A	0840	02		JI-1106	0839	02	
JI-1105	0838	02		JI-007D	0837	02		JI-007C	0836	02		JI-007B	0835	02	
JI-007A	0834	02		LS-07-12(205,A	0880	02		LS-06-41(206,A	0877	02		LS-06-40(206,A	0876	02	
LS-2234Z	0900	02		LS-2234Y	0899	02		LS-2234X	0898	02		LY-9013A	0927	02	
MCC 2A5-ER	0961	02		MCC 2A5-EF	0960	02		MCC 2A5-DR	0959	02		MCC 2A5-DF	0958	02	
MCC 2A5-CR	0957	02		MCC 2A5-CF	0956	02		MCC 2A5-BR	0955	02		MCC 2A5-BF	0954	02	
MCC 2A5-AR	0953	02		MCC 2A5-AF	0952	02		MCC 2AB-DR	0951	02		MCC 2AB-DF	0950	02	
MCC 2AB-CR	0949	02		MCC 2AB-CF	0948	02		MCC 2AB-BR	0947	02		MCC 2AB-BF	0946	02	
MCC 2A9-B	0984	02		MCC 2A9-A	0983	02		MCC 2A8-A	0982	02		MCC 2A7-C	0981	02	
MCC 2A7-B	0980	02		MCC 2A6-GR	0979	02		MCC 2A6-GF	0978	02		MCC 2B5-EF	0993	02	
MCC 2B5-DR	0992	02		MCC 2B5-DF	0991	02		MCC 2B5-CR	0990	02		MCC 2B5-CF	0989	02	
MCC 2B5-BR	0988	02		MCC 2B5-BF	0987	02		MCC 2B5-AR	0986	02		MCC 2A6-FR	0977	02	
MCC 2A6-FF	0976	02		MCC 2A6-ER	0975	02		MCC 2A6-EF	0974	02		MCC 2A6-DR	0973	02	
MCC 2A6-DF	0972	02		MCC 2A6-CR	0971	02		MCC 2A6-CF	0970	02		MCC 2A6-BR	0969	02	
MCC 2A6-BF	0968	02		MCC 2A6-AR	0967	02		MCC 2A6-AF	0966	02		MCC 2A5-GR	0965	02	
MCC 2A5-GF	0964	02		MCC 2A5-FR	0963	02		MCC 2A5-FF	0962	02		MV-07-1A PB	1017	02	
MCC 2B9-B	1015	02		MCC 2B9-A	1014	02		MCC 2B8-E	1013	02		MCC 2B7-C	1012	02	
MCC 2B7-B	1011	02		MCC 2B6-HR	1010	02		MCC 2B6-HF	1009	02		MCC 2B6-GF	1008	02	
MCC 2B6-EF	1007	02		MCC 2B6-DR	1006	02		MCC 2B6-DF	1005	02		MCC 2B6-CR	1004	02	
MCC 2B6-CF	1003	02		MCC 2B6-BR	1002	02		MCC 2B6-BF	1001	02		MCC 2B6-AR	1000	02	
MCC 2B6-AF	0999	02		MCC 2B5-GR	0998	02		MCC 2B5-GF	0997	02		MCC 2B5-FR	0996	02	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
MCC 2B5-FF	0995	02		MCC 2B5-ER	0994	02		MV-09-1	1048	02		MV-14-1 PB	1063	02	
MV-09-2	1059	02		MV-14-2(,N.C.)	1084	02		MV-21-2 PB	1095	02		MV-2514	1102	02	
PC-1103	1113	02		PDY-1101-A1	1165	02		PDY-1101A	1169	02		PDY-1101-D1	1168	02	
PDY-1101-C1	1167	02		PDY-1101-B1	1166	02		PDY-1121C	1185	02		PDY-1121B1	1184	02	
PDY-1121B	1183	02		PDY-1121A1	1182	02		PDY-1121A	1181	02		PDY-1111D1	1180	02	
PDY-1111D	1179	02		PDY-1111C1	1178	02		PDY-1111C	1177	02		PDY-1111B1	1176	02	
PDY-1111B	1175	02		PDY-1111A1	1174	02		PDY-1111A	1173	02		PDY-1101D	1172	02	
PDY-1101C	1171	02		PDY-1101B	1170	02		PI-09-8C	1200	02		PDY-1121D1	1188	02	
PDY-1121D	1187	02		PDY-1121C1	1186	02		PI-1103	1205	02		PI-1106	1208	02	
PI-1105	1207	02		PI-1104	1206	02		PI-8123	1226	02		PIA-1102BLL	1229	02	
PIA-1102DLL	1233	02		PI-8113	1225	02		PI-8023D	1224	02		PI-8023C	1223	02	
PI-8023B	1222	02		PI-8023A	1221	02		PP 201	1249	02		PR-07-5B	1272	02	
PR-07-4B	1271	02		PP 251 XFMR	1270	02		PP 251	1269	02		PP 250 XFMR	1268	02	
PP 250	1267	02		PP 243	1266	02		PP 240	1265	02		PP 239	1264	02	
PP 238	1263	02		PP 233	1262	02		PP 232	1261	02		PP 223	1260	02	
PP 212 XFMR	1259	02		PP 212	1258	02		PP 211 XFMR	1257	02		PP 211	1256	02	
PP 206	1255	02		PP 203 XFMR	1254	02		PP 203	1253	02		PP 202 XFMR	1252	02	
PP 202	1251	02		PP 201 XFMR	1250	02		PR-8013D	1283	02		PS-08-12A	1285	02	
PR-8023D	1284	02		PS-12-17A	1289	02		PS-1180	1288	02		PS-08-6	1287	02	
PS-08-12B	1286	02		PS-2224Z	1297	02		PS-2224Y	1296	02		PS-2224X	1295	02	
PS-21-4C	1294	02		PS-21-4B	1293	02		PS-21-4A	1292	02		PS-12-17C	1291	02	
PS-12-17B	1290	02		PS-25-12B	1305	02		PS-25-12A(206,	1304	02	R	PS-25-12A(206,	1303	02	R
PS-25-12A	1302	02		PY-07-2D-2	1360	02		PY-07-2D-1	1359	02		PY-07-2D	1358	02	
PY-07-2C-2	1357	02		PY-07-2C-1	1356	02		PY-07-2C	1355	02		PY-07-2B-2	1354	02	
PY-07-2B-1	1353	02		PY-07-2B	1352	02		PY-07-2A-2	1351	02		PY-07-2A-1	1350	02	

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION INDEX LIST CAPACITY: 890 MW(E)

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
PY-07-2A	1349	02		PY-1102B-1	1365	02		PY-1102A-2	1363	02		PY-1102A-1	1362	02	
PY-1102B-2	1366	02		PY-1102C-2	1369	02		PY-1102C-1	1368	02		REAC TRIP SWGR	1431	02	
REAC TRIP SWGR	1433	02		REAC TRIP SWGR	1432	02		RIS-26-6-2D	1438	02		RIS-26-5-2C	1437	02	
RIS-26-4-2B	1436	02		RIS-26-3-2A	1435	02		REAC TRIP SWGR	1434	02		RCP 2B2	1425	02	
RCP 2B1	1424	02		RCP 2A2	1423	02		RCP 2A1	1422	02		PY-8123	1421	02	
PY-8113	1420	02		PY-8023D-2	1419	02		PY-8023D-1	1418	02		PY-8023D	1417	02	
PY-8023C-2	1416	02		PY-8023C-1	1415	02		PY-8023C	1414	02		PY-8023B-2	1413	02	
PY-8023B-1	1412	02		PY-8023B	1411	02		PY-8023A-2	1410	02		PY-8023A-1	1409	02	
PY-8023A	1408	02		PY-8013D-2	1407	02		PY-8013D-1	1406	02		PY-8013D	1405	02	
PY-8013C-2	1404	02		PY-8013C-1	1403	02		PY-8013C	1402	02		PY-8013B-2	1401	02	
PY-8013B-1	1400	02		PY-8013B	1399	02		PY-8013A-2	1398	02		PY-8013A-1	1397	02	
PY-8013A	1396	02		PY-3309	1395	02		PY-3308	1394	02		PY-3307	1393	02	
PY-3306	1392	02		PY-3305	1391	02		PY-3304	1390	02		PY-3302	1389	02	
PY-3301	1388	02		PY-2212	1387	02		PY-21-8B	1386	02		PY-21-8A	1385	02	
PY-1108-1	1384	02		PY-1108	1383	02		PY-1107-1	1382	02		PY-1107	1381	02	
SR-07-1A	1455	02	R	SR-07-1C	1457	02	R	SR-07-1B	1456	02	R	STA SERV XFMR	1462	02	R
STA SERV XFMR	1464	02	R	SR-29-11	1461	02	R	SR-29-10	1460	02	R	SR-18-6B	1459	02	R
SR-18-6A	1458	02	R	STAT INVRT 2C	1469	02		STAT INVRT 2B	1468	02	R	STAT INVRT 2D	1470	02	
SWGR 2A2-1 4KV	1485	02	R	SWGR 2A2-5 4KV	1489	02	R	SWGR 2A2-3 480	1488	02	R	SWGR 2A2-3 4KV	1487	02	R
SWGR 2A2-1 480	1486	02	R	SWGR 2A2-6 480	1492	02	R	SWGR 2A2-6 4KV	1491	02	R	SWGR 2A2-5 480	1490	02	R
SWGR 2B2-2 4KV	1504	02	R	SWGR 2B2-5 4KV	1506	02	R	SWGR 2B2-7 4KV	1508	02	R	TR-07-3B/5B	1563	02	
TR-07-5B	1564	02	R	TY-07-3B-1	1593	02		TY-07-3B	1592	02		TR-3352	1591	02	
TR-3351	1590	02		TY-07-5B-1	1595	02		TY-1112CA-1	1597	02		TY-1112CA	1596	02	
TY-1112CC-1	1601	02		TY-1112CC	1600	02		TY-1112CB-1	1599	02		TY-1112CB	1598	02	
TY-3351X	1633	02		TY-3303Z	1632	02		TY-3303Y	1631	02		TY-3303X	1630	02	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
TY-3303W	1629	02		TY-1125	1628	02		TY-1122HD	1627	02		TY-1122HC-1	1626	02	
TY-1122HC	1625	02		TY-1122HB-1	1624	02		TY-1122HB	1623	02		TY-1122HA-1	1622	02	
TY-1122HA	1621	02		TY-1122CD-1	1620	02		TY-1122CD	1619	02		TY-1122CC-1	1618	02	
TY-1122CC	1617	02		TY-1122CB-1	1616	02		TY-1122CB	1615	02		TY-1122CA-1	1614	02	
TY-1122CA	1613	02		TY-1115	1612	02		TY-1112HD-1	1611	02		TY-1112HD	1610	02	
TY-1112HC-1	1609	02		TY-1112HC	1608	02		TY-1112HB-1	1607	02		TY-1112HB	1606	02	
TY-1112HA-1	1605	02		TY-1112HA	1604	02		TY-1112CD-1	1603	02		TY-1112CD	1602	02	
VARM-1606	1637	02		TY-3352Y	1636	02		TY-3352X	1635	02		TY-3351Y	1634	02	
V2514 PB	1656	02		V2509 PB	1655	02		V2509 (FAI)	1654	02		V2508 PB	1653	02	
V2508	1652	02		V3545 SS	1686	02		V3481 SS	1674	02		V3480 SS	1672	02	
WG COMPR 2A SS	1727	02	R	WG COMPR 2B	1729	02	R	WG COMPR 2A TB	1728	02	R	V5202 SS	1722	02	
V5201 SS	1721	02		V5200 SS	1720	02		WG COMPR 2B TB	1731	02	R	WG COMPR 2B SS	1730	02	R
WM-1606-1	1734	02		ZI-25-17	1764	02		2RV-2 SS	1809	02		2HVS-2B	1805	02	
2HVS-2A	1804	02		ZS-25-101	1816	02		MV-07-4	1813	02		MV-07-3	1812	02	
2RV-4 SS	1811	02		2RV-3 SS	1810	02		ZS-25-114	1830	02	R	ZS-25-20	1838	02	
ZS-25-48	1875	02		ZS-25-47B	1874	02	R	ZS-25-52A	1881	02	R	ZS-25-54B	1888	02	R
ZS-25-54A	1887	02	R	ZS-25-53B	1885	02	R	ZS-25-53A	1884	02	R	ZS-25-52B	1882	02	R
ZS-25-47A	1873	02	R	ZS-25-46B	1871	02	R	ZS-25-46A	1870	02	R	ZS-25-45B	1868	02	R
ZS-25-45A	1867	02	R	ZS-25-44B	1865	02	R	ZS-25-44A	1864	02	R	ZS-25-58B	1900	02	R
ZS-25-58A	1899	02	R	ZS-25-60	1905	02		ZS-25-59B	1903	02	R	ZS-25-59A	1902	02	R
ZS-25-57B	1897	02	R	ZS-25-57A	1896	02	R	ZS-25-56B	1894	02	R	ZS-25-56A	1893	02	R
ZS-25-55B	1891	02	R	ZS-25-55A	1890	02	R	ZS-25-62	1906	02		ZS-25-65	1909	02	
ZS-25-64	1908	02		ZS-25-67	1911	02		ZS-25-66	1910	02		H2 RMB 2B PP	1946	02	
H2 RMB 2B CP	1945	02		H2 RMB 2A PP	1943	02		H2 RMB 2A CP	1942	02		V5202 CM	2105	02	
V5201 CM	2104	02		V5200 CM	2103	02		V1464 CM	2094	02		SE-07-4CM	2068	02	

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV # 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION INDEX LIST CAPACITY: 890 MW(E) SORTED BY: REV #

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
FCV-07-1B(,N.C	2034	02	R	FCV-07-1A(,N.C	2033	02	R	FCV-07-1A(,N.C	2032	02	R	HCV-25-6A	2031	02	R
FCV-07-1B(,N.C	2030	02	R	FCV-07-1A(,N.C	2029	02	R	FCV-07-1B(,N.C	2028	02	R	FCV-07-1A(,N.C	2027	02	R
FCV-07-1B	2019	02	R	FCV-07-1A	2018	02	R	2HVA/ACC-3C TH	2017	02		2HVA/ACC-3C	2016	02	
2HVA/ACC-3B	2015	02		2HVA/ACC-3A TH	2014	02		2HVA/ACC-3A	2013	02		QUALIFIED COND	2001	02	R
SE-03-1E.....	1958	02	R	PENET D8	1959	03	C	PENET E3	1961	03	C	PENET D7	1960	03	C
SE-08-2	1957	03	C	SE-08-1	1956	03	C	SE-02-04	1955	03	C	SE-02-03	1954	03	C
PENET D6	1969	03	C	PENET C10	1968	03	C	PENET ELEP-1	1967	03	C	PENET PLEP-1	1966	03	C
PENET D5	1965	03	C	PENET E10	1964	03	C	PENET E2	1963	03	C	PENET E1	1962	03	C
PENET B3	1985	03	C	PENET B2	1984	03	C	PENET B1	1983	03	C	PENET A8	1982	03	C
PENET A7	1981	03	C	PENET A6	1980	03	C	PENET A4	1979	03	C	PENET A3	1978	03	C
PENET A2	1977	03	C	PENET A1	1976	03	C	PENET E9	1975	03	C	PENET E8	1974	03	C
PENET E7	1973	03	C	PENET E5	1972	03	C	PENET E4	1971	03	C	PENET D9	1970	03	C
PENET D3	2000	03	R	PENET D2	1999	03	C	PENET D1	1998	03	C	PENET C9	1997	03	C
PENET C8	1996	03	C	PENET C7	1995	03	R	PENET C6	1994	03	C	PENET C5	1993	03	C
PENET C4	1992	03	C	PENET C3	1991	03	R	PENET C2	1990	03	C	PENET B9	1989	03	C
PENET B8	1988	03	C	PENET B6	1987	03	C	PENET B5	1986	03	C	B/M D61 SERIES	2012	03	C
B/M D60 SERIES	2011	03	C	B/M D71 SERIES	2010	03	C	B/M D62 SERIES	2009	03	C	B/M D63 SERIES	2008	03	C
B/M D52 SERIES	2007	03	C	B/M D54 SERIES	2006	03	C	EHC-2HVE-6B2	2005	03	C	EHC-2HVE-6B1	2004	03	C
EHC-2HVE-6A2	2003	03	C	B/M D80 SERIES	2002	03	C	V2523	2021	03	C	V2522	2020	03	C
HCV-25-6A	2025	03	C	FCV-07-1B	2024	03	C	FCV-07-1A	2023	03	C	V2524	2022	03	C
HCV-25-7A	2026	03	C	FCV-26-1CM	2035	03	C	FCV-26-3CM	2037	03	C	FCV-26-1CM	2036	03	C
FCV-25-3CM	2041	03	C	FCV-23-4CM	2040	03	C	FCV-23-6CM	2039	03	C	FCV-26-5CM	2038	03	C
FSE-27-13CM	2049	03	C	FSE-27-12CM	2048	03	C	FSE-27-11CM	2047	03	C	FSE-27-10CM	2046	03	C
FSE-27-9CM	2045	03	C	FSE-27-8CM	2044	03	C	FCV-25-20CM	2043	03	C	FCV-25-4CM	2042	03	C
TE-1112CACM	2069	03	C	SE-03-2BCM	2067	03	C	SE-03-2ACM	2066	03	C	TE-1112HACM	2073	03	C

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION INDEX LIST CAPACITY: 890 MW(E) SORTED BY: REV #

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
TE-1112CDCM	2072	03	C	TE-1112CCCM	2071	03	C	TE-1112CBCM	2070	03	C	TE-1122CDCM	2081	03	C
TE-1122CCCM	2080	03	C	TE-1122CBCM	2079	03	C	TE-1122CACM	2078	03	C	TE-1115CM	2077	03	C
TE-1112HDCM	2076	03	C	TE-1112HCCM	2075	03	C	TE-1112HBCM	2074	03	C	SE-03-1DCM	2065	03	C
SE-03-1CCM	2064	03	C	SE-03-1BCM	2063	03	C	SE-03-1ACM	2062	03	C	SE-02-4CM	2061	03	C
SE-02-3CM	2060	03	C	SE-02-2CM	2059	03	C	SE-02-1CM	2058	03	C	LCV-07-11ACM	2057	03	C
HCV-3648CM	2056	03	C	HCV-3638CM	2055	03	C	HCV-3628CM	2054	03	C	HCV-3618CM	2053	03	C
HCV-14-2CM	2052	03	C	HCV-14-1CM	2051	03	C	FSE-27-14CM	2050	03	C	V1464 CM	2095	03	C
V1466 CM	2097	03	C	V1465 CM	2096	03	C	V1463 CM	2093	03	C	V1462 CM	2092	03	C
V1461 CM	2091	03	C	V1460 CM	2090	03	C	TE-07-5B CM	2089	03	C	TE-07-3B CM	2088	03	C
TE-07-3A CM	2087	03	C	TE-1125CM	2086	03	C	TE-1122HDCM	2085	03	C	TE-1122HCCM	2084	03	C
TE-1122HBCM	2083	03	C	TE-1122HACM	2082	03	C	V3572 CM	2102	03	C	V3571 CM	2101	03	C
V2524 CM	2100	03	C	V2516 CM	2099	03	C	V2515 CM	2098	03	C	TE-07-5B	2113	03	N
TE-07-5A	2112	03	N	TE-07-3B	2111	03	N	TE-07-3A	2110	03	N	H2 RMB 2B CM	2109	03	C
H2 RMB 2A CM	2108	03	C	V6718 CM	2107	03	C	V6346 CM	2106	03	C	LT-07-14A	2122	03	N
V3540 (LC) FAI	2125	03	N	V2514 (FAI)	2124	03	N	V6718(F.C)	2129	03	N	V3523 (LC) FAI	2128	03	D
V3551 (LC) FAI	2127	03	N	V3550 (LC) FAI	2126	03	N	LT-07-13B	2121	03	N	LT-07-13A	2120	03	N
LE-07-13B	2119	03	N	LE-07-13A	2118	03	N	LE-07-14A	2117	03	N	FCV-23-6(.F.C.	2116	03	N
HCV-25-7	2115	03	N	HCV-25-6	2114	03	N	V3540	2145	03	N	V2651	2144	03	N
V2512	2143	03	N	V2650	2142	03	N	V2505	2141	03	N	V1463	2140	03	N
V2514	2139	03	N	V1466	2138	03	N	V1465	2137	03	N	V1464	2136	03	N
V1462	2135	03	N	V1461	2134	03	N	V1460	2133	03	N	V1475	2132	03	N
V1474	2131	03	N	V6750(F.C)	2130	03	N	V3631	2186	03	N	V3621	2185	03	N
V3611	2184	03	N	V3611	2183	03	N	V3641	2182	03	N	V3631	2181	03	N
V3621	2180	03	N	V3611	2179	03	N	V3495	2178	03	N	V3454	2177	03	N
V3523	2176	03	N	V3551	2175	03	N	V3550	2174	03	N	V1427	2173	03	N

A/E: EBASCO SERVICES INC.
UTILITY: FLORIDA POWER & LIGHT

FACILITY: ST. LUCIE NO. 2
COMPONENT EVALUATION INDEX LIST

NSSS: COMBUSTION ENG. - PWR
CAPACITY: 890 MW(E)

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
V-1476	2172	03	N	2L-7B	2171	03	N	2L-7A	2170	03	N	SE-07-5E	2169	03	N
SE-07-5A	2168	03	N	SE-17-2B	2167	03	N	SE-17-1B	2166	03	N	SE-17-1A	2164	03	N
V-6741	2163	03	N	V-6750	2162	03	N	V-6718	2161	03	N	V-6341	2160	03	N
V-3740	2159	03	N	V-3739	2158	03	N	V-3738	2157	03	N	V-3737	2156	03	N
V-3736	2155	03	N	V-3735	2154	03	N	V-3734	2153	03	N	V-3733	2152	03	N
V-5205	2151	03	N	V-5204	2150	03	N	V-5203	2149	03	N	V-5202	2148	03	N
V-5201	2147	03	N	V-5200	2146	03	N	H2 RMB 2B	1944	03	C	H2 RMB 2A	1941	03	C
B/M D26 SERIES	1940	03	C	B/M D15 SERIES	1939	03	C	H2 ANLR SYSTEM	1938	03	C	HCV-09-1A REL	1947	03	C
HCV-09-2A REL	1949	03	C	HCV-09-1B REL	1948	03	C	SE-02-02	1953	03	C	SE-02-01	1952	03	C
H2 ANLR SAMPLE	1951	03	C	HCV-09-2B REL	1950	03	C	ZS-25-97	1934	03	C	WCSF-N SERIES	1937	03	C
ZS-25-96	1933	03	C	ZS-25-93	1932	03	C	ZS-25-92	1931	03	C	ZS-25-9	1930	03	C
ZS-25-89	1929	03	C	ZS-25-88	1928	03	C	ZS-25-85	1927	03	C	ZS-25-84	1926	03	C
ZS-25-83	1925	03	C	ZS-25-82	1924	03	C	ZS-25-81	1923	03	C	ZS-25-80	1922	03	C
ZS-25-7	1912	03	C	ZS-25-74	1915	03	C	ZS-25-76	1917	03	C	ZS-25-75	1916	03	C
ZS-25-8	1921	03	C	ZS-25-79	1920	03	C	ZS-25-78	1919	03	C	ZS-25-77	1918	03	C
ZS-25-56	1892	03	C	ZS-25-57	1895	03	C	ZS-25-6	1904	03	C	ZS-25-58	1898	03	C
ZS-25-44	1863	03	C	ZS-25-43	1862	03	C	ZS-25-42	1861	03	C	ZS-25-41	1860	03	C
ZS-25-40	1859	03	C	ZS-25-4	1858	03	C	ZS-25-45	1866	03	C	ZS-25-46	1869	03	C
ZS-25-47	1872	03	C	ZS-25-53	1883	03	C	ZS-25-54	1886	03	C	ZS-25-55	1889	03	C
ZS-25-52	1880	03	C	ZS-25-50	1878	03	C	ZS-25-5	1877	03	C	ZS-25-2	1837	03	C
ZS-25-17	1836	03	C	ZS-25-16	1835	03	C	ZS-25-15	1834	03	C	ZS-25-12	1831	03	C
ZS-25-14	1833	03	C	ZS-25-13	1832	03	C	ZS-25-30	1849	03	C	ZS-25-3	1848	03	C
ZS-25-39	1857	03	C	ZS-25-38	1856	03	C	ZS-25-37	1855	03	C	ZS-25-36	1854	03	C
ZS-25-35	1853	03	C	ZS-25-33	1852	03	C	ZS-25-32	1851	03	C	ZS-25-31	1850	03	C
ZS-25-10	1814	03	C	ZS-25-11	1825	03	C	2HVS-1D	1803	03	C	2HVS-1C	1802	03	C

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
2HVS-4B	1807	03	C	2HVS-4A	1806	03	C	2HVS-1B	1801	03	C	2HVS-1A	1800	03	C
2HVE-9B PB	1799	03	C	2HVE-9B	1798	03	C	2HVE-9A PB	1797	03	C	2HVE-9A	1796	03	C
2HVE-6B PB	1795	03	C	2HVE-6A PB	1794	03	C	2HVE-10B PB	1790	03	C	V3665 SS	1719	03	C
V3665	1718	03	C	V3664 SS	1717	03	C	V3664	1716	03	C	V3660 SS	1715	03	C
V3660	1714	03	C	V5203 SS	1723	03	C	V5205 SS	1725	03	C	V5204 SS	1724	03	C
V3644	1700	03	C	V3651	1702	03	C	V3652	1704	03	C	V3659 SS	1713	03	C
V3659	1712	03	C	V3658 SS	1711	03	C	V3658	1710	03	C	V3656 PB	1709	03	C
V3656	1708	03	C	V3654 SS	1707	03	C	V3654	1706	03	C	V3481	1673	03	C
V3480	1671	03	C	V3457 SS	1670	03	C	V3457	1669	03	C	V3456 SS	1668	03	C
V3456	1667	03	C	V2555 PB	1666	03	C	V3495 SS	1675	03	C	V3517	1677	03	C
V3496 SS	1676	03	C	V3536 SS	1681	03	C	V3536	1680	03	C	V3523 SS	1679	03	C
V3517 SS	1678	03	C	V3550 SS	1687	03	C	V3571	1689	03	C	V3551 SS	1688	03	C
V3545	1685	03	C	V3540 SS	1684	03	C	V3539 SS	1683	03	C	V3539	1682	03	C
V3572	1690	03	C	V3614	1692	03	C	V3624	1695	03	C	V3634	1697	03	C
V2504 PB	1651	03	C	V2504	1650	03	C	V2515	1657	03	C	V2555	1665	03	C
V2554 PB	1664	03	C	V2554	1663	03	C	V2553 PB	1662	03	C	V2553	1661	03	C
V2525 PB	1660	03	C	V2525	1659	03	C	V2516	1658	03	C	TE-3352Y	1549	03	C
TE-3352X	1548	03	C	TE-3351Y	1547	03	C	TE-3351X	1546	03	C	TE-3303Z	1545	03	C
TE-3303Y	1544	03	C	TE-3303X	1543	03	C	TE-3303W	1542	03	C	TE-1125	1541	03	C
TE-1122HD	1540	03	C	TE-1122HC	1539	03	C	TE-1122HB	1538	03	C	TE-1111Y	1521	03	C
TE-1111X	1520	03	C	TE-1122HA	1537	03	C	TE-1122CD	1536	03	C	TE-1122CC	1535	03	C
TE-1122CB	1534	03	C	TE-1122CA	1533	03	C	TE-1121Y	1532	03	C	TE-1121X	1531	03	C
TE-1115	1530	03	C	TE-1112HD	1529	03	C	TE-1112HC	1528	03	C	TE-1112HB	1527	03	C
TE-1112HA	1526	03	C	TE-1112CD	1525	03	C	TE-1112CC	1524	03	C	TE-1112CB	1523	03	C
TE-1112CA	1522	03	C	SE-03-2B	1444	03	C	SE-03-2A	1443	03	C	SE-03-1D	1442	03	C

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
SE-03-1A	1439	03	C	SE-03-1C	1441	03	C	SE-03-1B	1440	03	C	RD-26-6	1429	03	C
RD-26-5	1428	03	C	RD-26-4	1427	03	C	RD-26-3	1426	03	C	B/M D9 SERIES	1375	03	C
PT-8123	1348	03	C	PT-8113	1347	03	C	PT-8023D	1346	03	C	PT-1108	1327	03	C
PT-1107	1326	03	C	PT-1106	1325	03	C	PT-1105	1324	03	C	PT-1104	1323	03	C
PT-1103	1322	03	C	PT-1102D	1321	03	C	PT-1102C	1320	03	C	PT-1102B	1319	03	C
PT-1102A	1318	03	C	PT-09-8C	1317	03	C	PT-09-8B	1316	03	C	PT-09-8A	1315	03	C
PT-08-5	1314	03	C	PT-2212	1330	03	C	PT-8013A	1339	03	C	PT-8013C	1341	03	C
PT-8013B	1340	03	C	PT-8023C	1345	03	C	PT-8023B	1344	03	C	PT-8023A	1343	03	C
PT-8013D	1342	03	C	PT-08-3B	1313	03	C	PT-08-3A	1312	03	C	PT-08-1B	1311	03	C
PT-08-1A	1310	03	C	PT-07-2D	1309	03	C	PT-07-2C	1308	03	C	PT-07-2B	1307	03	C
PT-07-2A	1306	03	C	PENET B4	1189	03	C	PENET D3	1193	03	C	PENET C7	1192	03	C
PENET C3	1191	03	R	PENET B7	1190	03	C	PENET E6	1194	03	C	PDT-25-14A	1157	03	C
PDT-25-14B	1158	03	C	PDT-1111A	1145	03	C	PDT-1121D	1152	03	C	PDT-1121C	1151	03	C
PDT-1121B	1150	03	C	PDT-1121A	1149	03	C	PDT-1111D	1148	03	C	PDT-1111C	1147	03	C
PDT-1111B	1146	03	C	MV-14-9 PB	1093	03	C	MV-14-9	1092	03	C	MV-14-19 SS	1083	03	C
MV-14-19	1082	03	C	MV-14-20 SS	1087	03	C	MV-14-20	1086	03	C	MV-14-18 SS	1081	03	C
MV-14-18	1080	03	C	MV-14-17 SS	1079	03	C	MV-14-17	1078	03	C	MV-14-16 PB	1077	03	C
MV-14-16	1076	03	C	MV-14-15 PB	1075	03	C	MV-14-15	1074	03	C	MV-09-14 PB	1058	03	C
MV-09-9 PB	1061	03	C	MV-09-9	1060	03	C	MV-14-10 PB	1065	03	C	MV-14-10	1064	03	C
MV-14-14 PB	1073	03	C	MV-14-14	1072	03	C	MV-14-13 PB	1071	03	C	MV-14-13	1070	03	C
MV-14-12 PB	1069	03	C	MV-14-12	1068	03	C	MV-14-11 PB	1067	03	C	MV-14-11	1066	03	C
MV-09-10	1049	03	C	MV-08-3	1047	03	C	MV-08-19B STR	1046	03	C	MV-08-19B	1045	03	C
MV-08-19A STR	1044	03	C	MV-08-19A	1043	03	C	MV-08-18B	1042	03	C	MV-09-14	1057	03	C
MV-09-13 PB	1056	03	C	MV-09-13	1055	03	C	MV-09-12 PB	1054	03	C	MV-09-12	1053	03	C
MV-09-11 PB	1052	03	C	MV-09-11	1051	03	C	MV-09-10 PB	1050	03	C	MV-08-18A	1041	03	C

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
MV-08-17 SEL S	1040	03	C	MV-08-17	1039	03	C	MV-08-16 SEL S	1038	03	C	MV-08-16	1037	03	C
MV-08-15 STR	1036	03	C	MV-08-15 SEL S	1035	03	C	MV-08-15	1034	03	C	MV-08-14 STR	1033	03	C
MV-08-14 SEL S	1032	03	C	MV-08-14	1031	03	C	MV-08-13 PB	1030	03	C	MV-08-13	1029	03	C
MV-08-12 PB	1028	03	C	MV-08-12	1027	03	C	MV-08-1B PB	1026	03	C	MV-07-2A	1019	03	C
MV-07-2B	1021	03	C	MV-07-2A PB	1020	03	C	MV-08-1B	1025	03	C	MV-08-1A PB	1024	03	C
MV-08-1A	1023	03	C	MV-07-2B PB	1022	03	C	LT-9123	0922	03	C	LT-9113	0921	03	C
LT-9023D	0920	03	C	LT-9023C	0919	03	C	LT-9023B	0918	03	C	LT-9023A	0917	03	C
LT-9013D	0916	03	C	LT-9013C	0915	03	C	LT-9013B	0914	03	C	LT-1105	0909	03	C
LT-1104	0908	03	C	LT-9013A	0913	03	C	LT-1110Y	0911	03	C	LT-1110X	0910	03	C
LS-06-1B	0875	03	C	LS-06-1A	0874	03	C	LPSI P 2B PB	0868	03	C	LPSI P 2B	0867	03	C
LPSI P 2A PB	0866	03	C	LCV-07-11B	0852	03	C	LCV-07-11A	0851	03	C	LPSI P 2A	0865	03	C
HCV-3615	0788	03	C	HCV-3627	0793	03	C	HCV-3626	0792	03	C	HCV-3625	0791	03	C
HCV-3617	0790	03	C	HCV-3636	0795	03	C	HCV-3645	0797	03	C	HCV-3637	0796	03	C
HCV-3646	0798	03	C	HPSI P 2B	0783	03	C	HPSI P 2A	0782	03	C	EHC-2HVE-6A1	0781	03	C
HCV-3657 SS	0779	03	C	HCV-3657	0778	03	C	HCV-3648	0777	03	C	HCV-3647	0776	03	C
HCV-3646	0775	03	C	HCV-3645 (FAI)	0774	03	R	HCV-3638	0773	03	C	HCV-3637	0772	03	C
HCV-3636	0771	03	C	HCV-3635	0770	03	C	HCV-09-1B	0745	03	C	HCV-09-1A	0744	03	C
HCV-08-1B	0743	03	C	HCV-08-1A	0742	03	C	HCV-14-1	0748	03	C	HCV-09-2B	0747	03	C
HCV-09-2A	0746	03	C	HCV-14-6	0753	03	C	HCV-14-3B	0752	03	C	HCV-14-3A	0751	03	C
HCV-14-2	0750	03	C	HCV-3615 PB	0762	03	C	HCV-3618	0765	03	C	HCV-3625 PB	0766	03	C
HCV-3628	0769	03	C	HCV-14-7	0754	03	C	HCV-3512 SS	0761	03	C	HCV-3512	0760	03	C
HCV-18-1	0759	03	C	HCV-15-1	0758	03	C	FT-1188	0644	03	C	FT-1178	0643	03	C
FT-1168	0642	03	C	FT-2212	0655	03	C	FT-09-2A1	0635	03	C	FT-09-2B1	0637	03	C
FT-09-2A2	0636	03	C	FT-1158	0641	03	C	FT-09-2C2	0640	03	C	FT-09-2C1	0639	03	C
FT-09-2B2	0638	03	C	FSE-27-9	0627	03	C	FSE-27-8	0626	03	C	FSE-27-10	0617	03	C

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
FSE-27-18	0625	03	C	FSE-27-17	0624	03	C	FSE-27-16	0623	03	C	FSE-27-15	0622	03	C
FSE-27-14	0621	03	C	FSE-27-13	0620	03	C	FSE-27-12	0619	03	C	FSE-27-11	0618	03	C
FCV-26-4	0469	03	C	FCV-26-2	0467	03	C	FCV-26-1	0466	03	C	FCV-3301 SS	0473	03	
FCV-3301	0472	03	C	FCV-26-6	0471	03	C	FCV-26-5	0470	03	C	FCV-3306 SS	0475	03	
FCV-3306	0474	03	C	FCV-25-8	0465	03	C	FCV-25-7	0464	03	C	FCV-25-6	0463	03	C
FCV-25-5	0462	03	C	FCV-25-4	0461	03	C	FCV-25-34 PB	0460	03		FCV-25-34	0459	03	C
FCV-25-33 PB	0458	03		FCV-25-33	0457	03	C	FCV-25-32 PB	0456	03		FCV-25-32	0455	03	C
FCV-25-31 PB	0454	03		FCV-25-31	0453	03	C	FCV-25-30 PB	0452	03		FCV-25-30	0451	03	C
FCV-25-3	0450	03	C	FCV-03-1E SS	0423	03	R	FCV-23-3	0425	03	C	FCV-25-12 PB	0433	03	C
FCV-25-12	0432	03	C	FCV-25-11 PB	0431	03	C	FCV-25-11	0430	03	C	FCV-25-1	0429	03	C
FCV-23-9	0428	03	C	FCV-23-7	0427	03	C	FCV-23-5	0426	03	C	FCV-25-13 PB	0435	03	C
FCV-25-13	0434	03	C	FCV-25-21	0444	03	C	FCV-25-20	0443	03	C	FCV-25-2	0442	03	C
FCV-25-26	0447	03	C	FCV-25-29 PB	0449	03		FCV-25-29	0448	03	C	D-9B	0386	03	C
D-14	0352	03	C	D-13	0351	03	C	D-16	0354	03	C	D-15	0353	03	C
D-2	0359	03	C	D-24	0364	03	C	D-23	0363	03	C	D-3	0366	03	C
D-4	0375	03	C	D-6A	0379	03	C	D-8A	0383	03	C	D-9A	0385	03	C
D-8B	0384	03	C	CSP 2B PB	0345	03	C	D-1	0348	03	C	CSP 2A	0342	03	C
CSP 2B	0344	03	C	CSP 2A PB	0343	03		B215A	0158	03		B2191	0160	03	
B2166	0159	03		B2197	0164	03		B2195	0163	03		B2194	0162	03	
B2192	0161	03		B2198	0165	03		B257A	0168	03		B2756	0171	03	
B2725	0170	03		B258A	0169	03		CHGG P 2A	0180	03	C	CHGG P 2C PB	0185	03	C
CHGG P 2C	0184	03	C	CHGG P 2B PB	0183	03	C	CHGG P 2B	0182	03	C	CHGG P 2A PB	0181	03	C
2HVE-6B	0143	03	C	2HVE-6A	0142	03	C	B2G92	0141	03		QUALIFIED	0145	03	C
B2G87	0136	03		B2G91	0140	03		B2G90	0139	03		B2G89	0138	03	
B2G88	0137	03		B2G32	0123	03	C	B2G31	0122	03	C	B2G30	0121	03	C

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR REV # 3
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION INDEX LIST CAPACITY: 890 MW(E) SORTED BY: REV #

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
BA M-U P 2A	0103	03	C	BA M-U P 2B	0106	03	C	AUX FWP 2B PB	0095	03	C	AUX FWP 2B	0094	03	C
AUX FWP 2A PB	0093	03	C	ZS-25-58	0098	03	C	ZS-25-117	0044	03	C	ZS-25-116	0043	03	C
ZS-25-95	0042	03	C	ZS-25-94	0041	03	C	ZS-25-119	0036	03	C	ZS-25-118	0035	03	C
ZS-25-123	0034	03	C	ZS-25-122	0033	03	C	ZS-25-121	0032	03	C	ZS-25-120	0031	03	C
ZS-25-19	0030	03	C	ZS-25-18	0029	03	C	HCV-25-5	0060	03	C	HCV-25-4A	0059	03	C
HCV-25-4	0058	03	C	HCV-25-3A	0057	03	C	HCV-25-3	0056	03	C	HCV-25-2A	0055	03	C
HCV-25-2	0054	03	C	HCV-25-1A	0053	03	C	HCV-25-1	0052	03	C	FCV-26-6	0051	03	C
FCV-26-02	0050	03	C	FCV-26-04	0049	03	C	LCV-07-11B	0048	03	C	LCV-07-11A	0047	03	C
FCV-26-5	0046	03	C	FCV-26-3	0045	03	C	AUX FWP 2A	0092	03	C	HCV-25-5A	0061	03	C
RD-26-40	0018	03	C	CPL/BISHOP 45	0020	03	C	RD-26-41	0019	03	C	POLYWATER	0021	03	C
SE-05-1A	0004	03	C	SE-17-1B		03	N	SE-09-5	0012	03	C	SE-09-4	0011	03	C
SE-09-3	0010	03	C	SE-09-2	0009	03	C	SE-05-1E	0008	03	C	SE-05-1D	0007	03	C
SE-05-1C	0006	03	C	SE-05-1B	0005	03	C	JY-001B	0850	1		JKI-001B	0841	1	
JY-001A	0849	1		JR-012	0848	1		JR-001D	0847	1		JR-001C	0846	1	
JR-001B	0845	1		JR-001A	0844	1		JKI-001D	0843	1		JKI-001C	0842	1	
PI-8013A	1217	1		PI-3309	1216	1		PI-3308	1215	1		PI-3307	1214	1	
PI-3304	1213	1		PI-1108(,1)	1212	1		PI-1108	1211	1		PI-1107(,1)	1210	1	
PI-8013D	1220	1		PI-8013C	1219	1		PI-8013B	1218	1		PY-1103-1	1374	1	
PY-1105	1377	1		PY-1104-1	1376	1		PY-1102D-1	1371	1		PY-1103	1373	1	
PY-1102D-2	1372	1		PY-1106-1	1380	1		PY-1106	1379	1		PY-1105-1	1378	1	
PY-1106-1	380	1		PY-1105-1	378	1		PY-1105	377	1		PY-1103-1	374	1	
PY-1103	373	1													

A/E: EBASCO SERVICES INC.
UTILITY: FLORIDA POWER & LIGHT

FACILITY: ST. LUCIE NO. 2
COMPONENT EVALUATION INDEX LIST

NSSS: COMBUSTION ENG. - PWR
CAPACITY: 890 MW(E)

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
PS-2224X	1295	02		PS-2224Y	1296	02		PS-2224Z	1297	02		PS-08-12B	1286	02	
PS-08-6	1287	02		PS-1180	1288	02		PS-12-17A	1289	02		PR-8023D	1284	02	
PS-08-12A	1285	02		PR-8013D	1283	02		PP 201 XFMR	1250	02		PP 202	1251	02	
PP 202 XFMR	1252	02		PP 203	1253	02		PP 203 XFMR	1254	02		PP 206	1255	02	
PP 211	1256	02		PP 211 XFMR	1257	02		PP 212	1258	02		PP 212 XFMR	1259	02	
PP 223	1260	02		PP 232	1261	02		PP 233	1262	02		PP 238	1263	02	
PP 239	1264	02		PP 240	1265	02		PP 243	1266	02		PP 250	1267	02	
PP 250 XFMR	1268	02		PP 251	1269	02		PP 251 XFMR	1270	02		PR-07-4B	1271	02	
PR-07-5B	1272	02		PP 201	1249	02		PI-8023A	1221	02		PI-8023B	1222	02	
PI-8023C	1223	02		PI-8023D	1224	02		PI-8113	1225	02		PIA-1102DLL	1233	02	
PIA-1102BLL	1229	02		PI-8123	1226	02		PI-1104	1206	02		PI-1105	1207	02	
PI-1106	1208	02		PI-1103	1205	02		PDY-1121C1	1186	02		PDY-1121D	1187	02	
PDY-1121D1	1188	02		PI-09-8C	1200	02		PDY-1101B	1170	02		PDY-1101C	1171	02	
PDY-1101D	1172	02		PDY-1111A	1173	02		PDY-1111A1	1174	02		PDY-1111B	1175	02	
PDY-1111B1	1176	02		PDY-1111C	1177	02		PDY-1111C1	1178	02		PDY-1111D	1179	02	
PDY-1111D1	1180	02		PDY-1121A	1181	02		PDY-1121A1	1182	02		PDY-1121B	1183	02	
PDY-1121B1	1184	02		PDY-1121C	1185	02		PDY-1101-B1	1166	02		PDY-1101-C1	1167	02	
PDY-1101-D1	1168	02		PDY-1101A	1169	02		PDY-1101-A1	1165	02		PC-1103	1113	02	
MV-2514	1102	02		MV-21-2 PB	1095	02		MV-14-2(,N.C.)	1084	02		MV-09-2	1059	02	
MV-14-1 PB	1063	02		MV-09-1	1048	02		MCC 2B5-ER	0994	02		MCC 2B5-FF	0995	02	
MCC 2B5-FR	0996	02		MCC 2B5-GF	0997	02		MCC 2B5-GR	0998	02		MCC 2B6-AF	0999	02	
MCC 2B6-AR	1000	02		MCC 2B6-BF	1001	02		MCC 2B6-BR	1002	02		MCC 2B6-CF	1003	02	
MCC 2B6-CR	1004	02		MCC 2B6-DF	1005	02		MCC 2B6-DR	1006	02		MCC 2B6-EF	1007	02	
MCC 2B6-GF	1008	02		MCC 2B6-HF	1009	02		MCC 2B6-HR	1010	02		MCC 2B7-B	1011	02	
MCC 2B7-C	1012	02		MCC 2B8-E	1013	02		MCC 2B9-A	1014	02		MCC 2B9-B	1015	02	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
MV-07-1A PB	1017	02		MCC 2A5-FF	0962	02		MCC 2A5-FR	0963	02		MCC 2A5-GF	0964	02	
MCC 2A5-GR	0965	02		MCC 2A6-AF	0966	02		MCC 2A6-AR	0967	02		MCC 2A6-BF	0968	02	
MCC 2A6-BR	0969	02		MCC 2A6-CF	0970	02		MCC 2A6-CR	0971	02		MCC 2A6-DF	0972	02	
MCC 2A6-DR	0973	02		MCC 2A6-EF	0974	02		MCC 2A6-ER	0975	02		MCC 2A6-FF	0976	02	
MCC 2A6-FR	0977	02		MCC 2B5-AR	0986	02		MCC 2B5-BF	0987	02		MCC 2B5-BR	0988	02	
MCC 2B5-CF	0989	02		MCC 2B5-CR	0990	02		MCC 2B5-DF	0991	02		MCC 2B5-DR	0992	02	
MCC 2B5-EF	0993	02		MCC 2A6-GF	0978	02		MCC 2A6-GR	0979	02		MCC 2A7-B	0980	02	
MCC 2A7-C	0981	02		MCC 2A8-A	0982	02		MCC 2A9-A	0983	02		MCC 2A9-B	0984	02	
MCC 2AB-BF	0946	02		MCC 2AB-BR	0947	02		MCC 2AB-CF	0948	02		MCC 2AB-CR	0949	02	
MCC 2AB-DF	0950	02		MCC 2AB-DR	0951	02		MCC 2A5-AF	0952	02		MCC 2A5-AR	0953	02	
MCC 2A5-BF	0954	02		MCC 2A5-BR	0955	02		MCC 2A5-CF	0956	02		MCC 2A5-CR	0957	02	
MCC 2A5-DF	0958	02		MCC 2A5-DR	0959	02		MCC 2A5-EF	0960	02		MCC 2A5-ER	0961	02	
LY-9013A	0927	02		LS-2234X	0898	02		LS-2234Y	0899	02		LS-2234Z	0900	02	
LS-06-40(206,A	0876	02		LS-06-41(206,A	0877	02		LS-07-12(205,A	0880	02		JI-007A	0834	02	
JI-007B	0835	02		JI-007C	0836	02		JI-007D	0837	02		JI-1105	0838	02	
JI-1106	0839	02		JKI-001A	0840	02		JI-003A	0818	02		JI-003B	0819	02	
JI-003C	0820	02		JI-003D	0821	02		JI-004A	0822	02		JI-004B	0823	02	
JI-004C	0824	02		JI-004D	0825	02		JI-005A	0826	02		JI-005B	0827	02	
JI-005C	0828	02		JI-005D	0829	02		JI-006A	0830	02		JI-006B	0831	02	
JI-006C	0832	02		JI-006D	0833	02		JI-001A	0814	02		JI-001B	0815	02	
JI-001C	0816	02		JI-001D	0817	02		IRS HDRZN P 2B	0813	02		HS-1101C	0786	02	
HS-1101D	0787	02		HS-1101A	0784	02		HS-1101B	0785	02		FY-3342	0738	02	
FY-3342-1	0739	02		FY-3343	0740	02		FY-3343-1	0741	02		FY-3321-1	0722	02	
FY-3322	0723	02		FY-3322-1	0724	02		FY-3323	0725	02		FY-3323-1	0726	02	
FY-3325	0727	02		FY-3325-1	0728	02		FY-3327	0729	02		FY-3327-1	0730	02	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
FY-3331	0731	02		FY-3332	0732	02		FY-3332-1	0733	02		FY-3333	0734	02	
FY-3333-1	0735	02		FY-3341	0736	02		FY-3341-1	0737	02		FY-3312-1	0714	02	
FY-3313	0715	02		FY-3313-1	0716	02		FY-3315	0717	02		FY-3315-1	0718	02	
FY-3317	0719	02		FY-3317-1	0720	02		FY-3321	0721	02		FY-3306-3	0710	02	
FY-3311	0711	02		FY-3311-1	0712	02		FY-3312	0713	02		FY-3306-1	0708	02	
FY-3306-2	0709	02		V3517	0706	02		FY-1158-2	0690	02		FY-1168	0691	02	
FY-1168-1	0692	02		FY-1168-2	0693	02		FY-1178	0694	02		FY-1178-1	0695	02	
FY-1178-2	0696	02		FY-1188	0697	02		FY-3301-1	0704	02		FY-3301-2	0705	02	
FY-2212-2	0702	02		FY-1188-1	0698	02		FY-1188-2	0699	02		FY-2212-1	0701	02	
FY-1158	0688	02		FY-1158-1	0689	02		FT-25-21A1	0666	02		FT-25-21A2	0667	02	
FT-25-20A1	0662	02		FT-25-20A2	0663	02		FT-25-20B1	0664	02		FT-25-20B2	0665	02	
FT-08-1B(, RUN	0634	02		FS-25-5B	0610	02		FS-25-6A (,*)	0611	02		FS-25-6B (,*)	0612	02	
FS-25-7A	0613	02		FS-25-7B	0614	02		FS-25-5A	0609	02		FS-25-2A	0598	02	
FS-25-2B	0599	02		FS-25-2C	0600	02		FS-25-2D	0601	02		FS-25-12A	0594	02	
FS-25-11A	0592	02		FS-25-11B	0593	02		FM-1606	0564	02		FM-1616	0565	02	
FIC-3306	0560	02		FIC-3301	0559	02		FI-3306	0540	02		FI-3306-1	0541	02	
FI-3301-1	0539	02		FI-21-8A	0530	02		FI-21-8B	0531	02		CS-1173	0202	02	
B2079	0157	02		B2349	0166	02		B2351	0167	02		B2G99	0144	02	
B2R76	0147	02		B2R77	0148	02		B2R78	0149	02		B2R80	0151	02	
B2069	0152	02		B2071	0153	02		B2075	0154	02		B2077	0155	02	
B2078	0156	02		B2G44	0125	02		B2G45	0126	02		B2G46	0127	02	
B2G47	0128	02		B2G64	0129	02		B2G65	0130	02		B2G66	0131	02	
B2G73	0132	02		B2G75	0133	02		B2E90	0117	02		B2E98	0118	02	
B2E99	0119	02		B2G43	0124	02		ZS-25-86	0037	02		ZS-25-87	0038	02	
ZS-25-90	0039	02		ZS-25-91	0040	02		SE-25-12	0022	02		SE-25-13	0023	02	

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION INDEX LIST CAPACITY: 890 MW(E)

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
TCV-14-4A	0027	02		TCV-14-4B	0028	02		SE-02-5	0003	02		FT-07-2-1	0002	01	
AM-201	0062	01		AM-205	0063	01		AM-209	0064	01		AM-237	0065	01	
AM-238	0066	01		AM-251	0067	01		AM-252	0068	01		AM-287	0069	01	
AM-290	0070	01		AM-629	0071	01		AM-630	0072	01		AM-832	0073	01	
AM-833	0074	01		AM-834	0075	01		AM-936	0076	01		AM-937	0077	01	
AM-942	0078	01		AM-955D	0079	01		AM-965D	0080	01		AS-936	0086	01	
AS-937	0087	01		AS-942	0088	01		AS-955D	0089	01		AS-965D	0090	01	
AX-1	0097	01		BA M-U P 2A SS	0105	01		BA M-U P 2B SS	0108	01		BAT 2A	0109	01	
BAT 2B	0110	01		B2E40	0113	01		B2E41	0114	01		B2E52	0115	01	
B2E53	0116	01		B2G85	0134	01		B2G86	0135	01		B2982 (TIA-442	0172	01	
B2984 (TIA-442	0173	01		CCW P 2A	0174	01		CCW P 2A PB	0175	01		CCW P 2B	0176	01	
CCW P 2B PB	0177	01		CCW P 2C	0178	01		CCW P 2C PB	0179	01		CS-A-1000	0186	01	
CS-AA-1000	0187	01		CS-B-1000	0188	01		CS-BB-1000	0189	01		CS-1154	0190	01	
CS-1155	0191	01		CS-1156	0192	01		CS-1157	0193	01		CS-1158	0194	01	
CS-1159	0195	01		CS-1160	0196	01		CS-1161	0197	01		CS-1164	0198	01	
CS-1170	0199	01		CS-1171	0200	01		CS-1172	0201	01		CS-1174	0203	01	
CS-1175	0204	01		CS-1176	0205	01		CS-1177	0206	01		CS-1178	0207	01	
CS-1190	0208	01		CS-1191	0209	01		CS-157-1	0210	01		CS-157-2	0211	01	
CS-1608-1	0212	01		CS-1618-1	0213	01		CS-176-1	0214	01		CS-176-2	0215	01	
CS-177	0216	01		CS-178	0217	01		CS-179	0218	01		CS-189-1	0219	01	
CS-189-2	0220	01		CS-189-3	0221	01		CS-189-4	0222	01		CS-194-1	0223	01	
CS-194-2	0224	01		CS-201	0225	01		CS-202-1	0226	01		CS-202-2	0227	01	
CS-202-3	0228	01		CS-202-4	0229	01		CS-203	0230	01		CS-204	0231	01	
CS-205	0232	01		CS-207	0233	01		CS-208	0234	01		CS-209	0235	01	
CS-211-1	0236	01		CS-211-2	0237	01		CS-212-1	0238	01		CS-212-2	0239	01	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
CS-212-3	0240	01		CS-212-4	0241	01		CS-228-1	0242	01		CS-229-1	0243	01	
CS-237	0244	01		CS-238	0245	01		CS-246-1	0246	01		CS-246-2	0247	01	
CS-246-3	0248	01		CS-248-1	0249	01		CS-248-2	0250	01		CS-248-3	0251	01	
CS-251	0252	01		CS-252	0253	01		CS-287	0254	01		CS-290	0255	01	
CS-297	0256	01		CS-298	0257	01		CS-299	0258	01		CS-300	0259	01	
CS-302-1	0260	01		CS-302-2	0261	01		CS-303-1	0262	01		CS-303-2	0263	01	
CS-304	0264	01		CS-305	0265	01		CS-311	0266	01		CS-312	0267	01	
CS-314	0268	01		CS-315	0269	01		CS-317	0270	01		CS-490	0271	01	
CS-491	0272	01		CS-492	0273	01		CS-494	0274	01		CS-496	0275	01	
CS-503	0276	01		CS-504	0277	01		CS-505	0278	01		CS-506	0279	01	
CS-513	0280	01		CS-522	0281	01		CS-523	0282	01		CS-524	0283	01	
CS-525	0284	01		CS-536	0285	01		CS-586	0286	01		CS-608-1	0287	01	
CS-608-2	0288	01		CS-609-1	0289	01		CS-609-2	0290	01		CS-610-1	0291	01	
CS-610-2	0292	01		CS-611-1	0293	01		CS-611-2	0294	01		CS-612-1	0295	01	
CS-612-2	0296	01		CS-613-1	0297	01		CS-613-2	0298	01		CS-629-2	0300	01	
CS-630	0301	01		CS-630-2	0302	01		CS-632-1	0303	01		CS-632-2	0304	01	
CS-633	0305	01		CS-638-1	0306	01		CS-638-2	0307	01		CS-652-1	0308	01	
CS-652-2	0309	01		CS-653-1	0310	01		CS-653-2	0311	01		CS-832	0312	01	
CS-833	0313	01		CS-834	0314	01		CS-835	0315	01		CS-836	0316	01	
CS-837	0317	01		CS-849	0318	01		CS-936	0319	01		CS-937	0320	01	
CS-938	0321	01		CS-939	0322	01		CS-940	0323	01		CS-941	0324	01	
CS-943	0325	01		CS-944	0326	01		CS-946	0327	01		CS-948	0328	01	
CS-953	0329	01		CS-957	0330	01		CS-958	0331	01		CS-963	0332	01	
CS-967	0333	01		CS-968	0334	01		CS-968	0335	01		CS-977	0336	01	
CS-978	0337	01		CS-979	0338	01		CS-980	0339	01		CS-981	0340	01	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
CS-982	0341	01		D-12A (FC)	0349	01		D-12B (FC)	0350	01		D-17A (F.O.)	0355	01	
D-17B (F.O.)	0356	01		D-18 (F.O.)	0357	01		D-19 (F.O.)	0358	01		D-20 (F.O.)	0360	01	
D-21 (F.O.)	0361	01		D-22 (F.O.)	0362	01		D-29 (N.O.,F.C	0365	01		D-30 (N.O.,F.C	0367	01	
D-31 (N.O.,F.C	0368	01		D-32 (N.O.,F.C	0369	01		D-33 (N.O.,F.C	0370	01		D-34 (N.O.,F.C	0371	01	
D-35 (N.O.,F.C	0372	01		D-40	0376	01		D-7A (F.C.)	0381	01		D-7B (F.C.)	0382	01	
DC BUS MA	0387	01		DC BUS MB	0388	01		DC BUS MC	0389	01		DC BUS MD	0390	01	
DC BUS 2A	0391	01		DC BUS 2AB	0392	01		DC BUS 2B	0393	01		DG 2A	0394	01	
DG 2A CT TB	0395	01		DG 2A TB	0396	01		DG 2B	0397	01		DG 2B CT TB	0398	01	
DG 2B TB	0399	01		DO TRANS P 2A	0400	01		DO TRANS P 2B	0401	01		ENG 2A1 TB	0402	01	
ENG 2A2 TB	0403	01		ENG 2B1 TB	0404	01		ENG 2B2 TB	0405	01		FC-3301	0412	01	
FC-3306	0413	01		FCV-2210Y (FC)	0424	01		FCV-25-14 (,FA	0436	01		FCV-25-15 (,FA	0437	01	
FCV-25-16 (,FA	0438	01		FCV-25-17 (,FA	0439	01		FCV-25-18	0440	01		FCV-25-19	0441	01	
FCV-25-24	0445	01		FCV-25-25	0446	01		FF-07-1A1(206)	0476	01		FF-07-1A2(206)	0477	01	
FF-07-1B1(206)	0478	01		FF-07-2-2(206)	0479	01		FF-07-2I(206)	0480	01		FF-09-2A1(202)	0481	01	
FF-09-2A2(202)	0482	01		FF-09-2B1(202)	0483	01		FF-09-2C1(202)	0484	01		FF-09-2C2(202)	0485	01	
FF-1158	0486	01		FF-1168	0487	01		FF-1188	0488	01		FF-14-1A(206,5	0489	01	
FF-14-1B(206,V	0490	01		FF-14-10A(206,	0491	01		FF-14-10B(206)	0492	01		FF-14-15A(,V)	0493	01	
FF-14-15B(,V)	0494	01		FF-14-15C(,V)	0495	01		FF-14-15D(,V)	0496	01		FF-14-2(206)	0497	01	
FF-14-6(,5)	0498	01		FF-25-18A	0499	01		FF-25-18B	0500	01		FF-25-19A1	0501	01	
FF-25-19B1	0502	01		FF-25-19B2	0503	01		FF-25-20A1	0504	01		FF-25-20A2	0505	01	
FF-25-20B1	0506	01		FF-25-20B2	0507	01		FF-25-21A1	0508	01		FF-25-21B1	0509	01	
FF-25-21B2	0510	01		FI-07-1A(206)	0511	01		FI-07-1B(206)	0512	01		FI-07-2(206)	0513	01	
FI-09-2A(202)	0514	01		FI-09-2B(202)	0515	01		FI-09-2C(202)	0516	01		FI-09-4A	0517	01	
FI-09-4B	0518	01		FI-09-4C	0519	01		FI-09-4D	0520	01		FI-13-1	0521	01	
FI-13-2	0522	01		FI-13-3	0523	01		FI-13-4	0524	01		FI-13-5	0525	01	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
FI-13-7	0526	01		FI-14-3A	0527	01		FI-14-3B	0528	01		FI-14-4	0529	01	
FI-25-18A	0532	01		FI-25-18B	0533	01		FI-25-19A1	0534	01		FI-25-19B1	0535	01	
FI-25-21A1	0536	01		FI-25-21B1	0537	01		FI-3301	0538	01		FI-3311	0542	01	
FI-3312	0543	01		FI-3315	0544	01		FI-3321	0545	01		FI-3322	0546	01	
FI-3325	0547	01		FI-3331	0548	01		FI-3332	0549	01		FI-3341	0550	01	
FI-3342	0551	01		FIA-2212	0552	01		FIC-25-19A1	0553	01		FIC-25-19B1	0554	01	
FIC-25-20A1	0555	01		FIC-25-20B1	0556	01		FIC-25-21A1	0557	01		FIC-25-21B1	0558	01	
FIS-14-1A(206.	0561	01		FIS-25-20A1	0562	01		FIS-25-20B1	0563	01		FP P 2A	0566	01	
FP P 2A SS	0567	01		FP P 2B	0568	01		FP P 2B SS	0569	01		FR-07-1A(206)	0570	01	
FR-07-1B(206)	0571	01		FR-09-2A(202)	0572	01		FR-09-2A(SP)	0573	01		FR-25-1A	0576	01	
FR-25-1A	0577	01		FR-25-1B	0578	01		FR-25-1B	0579	01		FR-3301	0580	01	
FR-3306	0581	01		FR-3313	0582	01		FR-3317	0583	01		FR-3323	0584	01	
FR-3327	0585	01		FR-3333	0586	01		FR-3343	0587	01		FR-3301	0588	01	
FS-25-10B	0590	01		FS-25-10C	0591	01		FS-25-12B	0595	01		FS-25-16A	0596	01	
FS-25-16B	0597	01		FS-25-20A2	0602	01		FS-25-20B2	0603	01		FS-25-22A	0604	01	
FS-25-22B	0605	01		FS-25-23A	0606	01		FS-25-23B	0607	01		MV-09-09	0608	01	
FS-25-9A	0615	01		FS-25-9B	0616	01		FT-07-1A1	0628	01		FT-07-1A2	0629	01	
FT-07-1B1	0630	01		FT-07-1B2	0631	01		FT-07-2-1	0632	01		FT-07-2-2	0633	01	
FT-14-1A	0645	01		FT-14-1B	0646	01		FT-14-10A	0647	01		FT-14-10B	0648	01	
FT-14-15A	0649	01		FT-14-15B	0650	01		FT-14-15C	0651	01		FT-14-15D	0652	01	
FT-14-2	0653	01		FT-14-6	0654	01		FT-25-18A	0656	01		FT-25-18B	0657	01	
FT-25-19A1	0658	01		FT-25-19A2	0659	01		FT-25-19B1	0660	01		FT-25-19B2	0661	01	
FT-25-21B1	0668	01		FT-25-21B2	0669	01		FT-3301	0670	01		FT-3306	0671	01	
FT-3311	0672	01		FT-3312	0673	01		FT-3313	0674	01		FT-3315	0675	01	
FT-3317	0676	01		FT-3321	0677	01		FT-3322	0678	01		FT-3323	0679	01	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
FT-3325	0680	01		FT-3327	0681	01		FT-3331	0682	01		FT-3332	0683	01	
FT-3333	0684	01		FT-3341	0685	01		FT-3342	0686	01		FT-3343	0687	01	
FY-2212	0700	01		FY-3301	0703	01		FY-3306	0707	01		HCV-14-8A(,F.C	0755	01	
HIC-09-1C(202)	0780	01		INST BUS 2MA	0800	01		INST BUS 2MB	0801	01		INST BUS 2MC	0802	01	
INST BUS 2MD	0803	01		INT CGW P 2A	0804	01		INT CGW P 2A P	0805	01		INT CGW P 2B	0806	01	
INT CGW P 2B P	0807	01		INT CGW P 2C	0808	01		INT CGW P 2C P	0809	01		IRS HDRZN P 2A	0810	01	
IRS HDRZN P 2A	0811	01		IRS HDRZN P 2B	0812	01		LI-1104	0853	01		LI-1105	0854	01	
LI-9113	0855	01		LI-9123	0856	01		LIA-2206	0857	01		LIA-2208	0858	01	
LIS-07-2A(206)	0859	01		LIS-07-2B(206)	0860	01		LIS-07-2C(206)	0861	01		LIS-07-2D(206)	0862	01	
LIS-07-9(206,A	0863	01		LIS-12-11(202,	0864	01		LR-07-2D(206)	0869	01		LR-1110	0870	01	
LR-1110X	0871	01		LR-9013D	0872	01		LR-9023D	0873	01		LS-07-10A	0878	01	
LS-07-10B	0879	01		LS-07-7A	0881	01		LS-07-7B	0882	01		LS-07-7C	0883	01	
LS-12-8(202-A,	0884	01		LS-14-1A(206,A	0885	01		LS-14-1B(206,A	0886	01		LS-14-5(206,A,	0887	01	
LS-14-6A	0888	01		LS-14-6B	0889	01		LS-17-10A(,A,D	0890	01		LS-17-10B(,A,L	0891	01	
LS-17-552A(,*,	0892	01		LS-17-552B(,*,	0893	01		LS-17-553A(,*,	0894	01		LS-17-553B(,*,	0895	01	
LS-21-5A	0896	01		LS-21-5B	0897	01		LS-3-1,2 FS BO	0901	01		LS-4421	0902	01	
LT-07-2A	0903	01		LT-07-2B	0904	01		LT-07-2C	0905	01		LT-07-2D	0906	01	
LT-07-9	0907	01		LT-12-11	0912	01		LY-1104	0923	01		LY-1105	0924	01	
LY-1110X-1	0925	01		LY-1110Y-1	0926	01		LY-9013A-1	0928	01		LY-9013B	0929	01	
LY-9013B-1	0930	01		LY-9013C	0931	01		LY-9013C-1	0932	01		LY-9013D	0933	01	
LY-9013D-1	0934	01		LY-9023A	0935	01		LY-9023A-1	0936	01		LY-9023B	0937	01	
LY-9023B-1	0938	01		LY-9023C	0939	01		LY-9023C-1	0940	01		LY-9023D	0941	01	
LY-9023D-1	0942	01		LY-9113	0943	01		LY-9123	0944	01		MCC 2AB-AF	0945	01	
MCC 2B5-AF (48	0985	01		MV-07-1A(RAS)	1016	01		MV-07-1B(RAS)	1018	01		MV-14-1(,N.C.)	1062	01	
MV-14-2 PB	1085	01		MV-14-3(,N.C.)	1088	01		MV-14-3 PB	1089	01		MV-14-4(,N.C.)	1090	01	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
MV-14-4 PB	1091	01		MV-21-2(,SIAS)	1094	01		MV-21-3(,SIAS)	1096	01		MV-21-3 PB	1097	01	
MV-21-4A(,S1AS	1098	01		MV-21-4A PB	1099	01		MV-21-4B(,S1AS	1100	01		MV-21-4B PB	1101	01	
PA-1103	1103	01		PA-1103-1	1104	01		PA-1104	1105	01		PA-1104-1	1106	01	
PA-1104-2	1107	01		PA-1105	1108	01		PA-1105-1	1109	01		PA-1106	1110	01	
PA-1106-1	1111	01		PA-1106-2	1112	01		PC-1103-1	1114	01		PC-1104	1115	01	
PC-1104-1	1116	01		PC-1104-2	1117	01		PC-1105	1118	01		PC-1105-1	1119	01	
PDI-1101A	1120	01		PDI-1101B	1121	01		PDI-1101C	1122	01		PDI-1101D	1123	01	
PDI-25-15A	1124	01		PDI-25-15B	1125	01		PDIS-25-1A	1126	01		PDIS-25-1B	1127	01	
PDIS-25-23A	1128	01		PDIS-25-23B	1129	01		PDIS-25-5A	1130	01		PDIS-25-5B	1131	01	
PDIS-25-7A	1132	01		PDIS-25-7B	1133	01		PDIS-25-8A	1134	01		PDIS-25-8A	1135	01	
PDIS-25-8B	1136	01		PDIS-25-9A	1137	01		PDIS-25-9B	1138	01		PDS-25-13A	1139	01	
PDS-25-13B	1140	01		PDS-25-17A	1141	01		PDS-25-17B	1142	01		PDS-25-7A	1143	01	
PDS-25-7B	1144	01		PDT-25-1A	1153	01		PDT-25-1B	1154	01		PDT-25-13A	1155	01	
PDT-25-13B	1156	01		PDT-25-15A	1159	01		PDT-25-15B	1160	01		PDT-25-16A	1161	01	
PDT-25-16B	1162	01		PDT-25-17A	1163	01		PDT-25-17B	1164	01		PI-07-4A	1195	01	
PI-07-5A	1196	01		PI-08-5	1197	01		PI-09-8A	1198	01		PI-09-8B	1199	01	
PI-1102A	1201	01		PI-1102B	1202	01		PI-1102C	1203	01		PI-1102D	1204	01	
PI-1107	1209	01		PIA-1102A	1227	01		PIA-1102B	1228	01		PIA-1102C	1230	01	
PIA-1102CLL	1231	01		PIA-1102D	1232	01		PIA-2212	1234	01		PIC-08-1A(202)	1235	01	
PIC-08-1B(202)	1236	01		PIC-1103	1237	01		PIC-1104	1238	01		PIC-1105	1239	01	
PIC-1106	1240	01		PIS-07-2A(206,	1241	01		PIS-07-2B(206,	1242	01		PIS-07-2C(206,	1243	01	
PIS-07-2D(206,	1244	01		PIS-07-3A (206	1245	01		PIS-07-3B (206	1246	01		PIS-21-8A(202,	1247	01	
PIS-21-8B(202,	1248	01		PR-1107	1273	01		PR-25-1A	1274	01		PR-25-1A	1275	01	
PR-25-1B	1276	01		PR-25-1B	1277	01		PR-25-1B	1278	01		PR-3301	1279	01	
PR-3302	1280	01		PR-3305	1281	01		PR-3306	1282	01		PS-23-3	1298	01	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
PS-23-4	1299	01		PS-23-5	1300	01		PS-23-6	1301	01		PT-21-8A	1328	01	
PT-21-8B	1329	01		PT-3301	1331	01		PT-3302	1332	01		PT-3304	1333	01	
PT-3305	1334	01		PT-3306	1335	01		PT-3307	1336	01		PT-3308	1337	01	
PT-3309	1338	01		PY-1102A	1361	01		PY-1102B	1364	01		PY-1102C	1367	01	
PY-1102D	1370	01		REAC TRIP SWGR	1430	01		SE-07-3A(,EQ.C	1445	01		SE-07-3B(,F.Q.	1446	01	
SE-17-1A(,*)	1447	01		SE-17-1A(,BYPA	1448	01		SE-17-1B(,*)	1449	01		SE-17-1B(,BYPA	1450	01	
SE-17-2A(,*)	1451	01		SE-17-2A(,BYPA	1452	01		SE-17-2B(,*)	1453	01		SE-17-2B(,BYPA	1454	01	
STA SERV XFMR	1463	01		STA SERV XFMR	1465	01		STAT INVRT 2A	1466	01		STAT INVRT 2B	1467	01	
SWGR 2AB-1 4KV	1471	01		SWGR 2AB-1 480	1472	01		SWGR 2AB-1A	1473	01		SWGR 2AB-1B TB	1474	01	
SWGR 2AB-1C TB	1475	01		SWGR 2AB-1D TB	1476	01		SWGR 2AB-2 4KV	1477	01		SWGR 2AB-2 480	1478	01	
SWGR 2AB-2A TB	1479	01		SWGR 2AB-2B TB	1480	01		SWGR 2AB-2C TB	1481	01		SWGR 2AB-3 4KV	1482	01	
SWGR 2AB-4 4KV	1483	01		SWGR 2AB-5 4KV	1484	01		SWGR 2A3-1 4KV	1493	01		SWGR 2A3-10 4K	1494	01	
SWGR 2A3-11 4K	1495	01		SWGR 2A3-12 4K	1496	01		SWGR 2A3-2 4KV	1497	01		SWGR 2A3-3 4KV	1498	01	
SWGR 2A3-5 4KV	1499	01		SWGR 2A3-6 4KV	1500	01		SWGR 2A3-7 4KV	1501	01		SWGR 2A3-8 4KV	1502	01	
SWGR 2A3-9 4KV	1503	01		SWGR 2B2-2 480	1505	01		SWGR 2B2-5 480	1507	01		SWGR 2B2-7 480	1509	01	
SWGR 2B3-1 4KV	1510	01		SWGR 2B3-10 4K	1511	01		SWGR 2B3-11 4K	1512	01		SWGR 2B3-12 4K	1513	01	
SWGR 2B3-4 4KV	1514	01		SWGR 2B3-5 4KV	1515	01		SWGR 2B3-6 4KV	1516	01		SWGR 2B3-7 4KV	1517	01	
SWGR 2B3-8 4KV	1518	01		SWGR 2B3-9 4KV	1519	01		TI-07-3A/5A	1550	01		TI-1102A	1551	01	
TI-1102B	1552	01		TI-1102C	1553	01		TI-1102D	1554	01		TI-1115	1555	01	
TI-1115-1	1556	01		TI-1125	1557	01		TI-1125-1	1558	01		TI-3303X	1559	01	
TI-3303Y	1560	01		TI-3351Y	1561	01		TI-3352Y	1562	01		TR-1115	1565	01	
TR-1125	1566	01		TR-25-1A	1567	01		TR-25-1A	1568	01		TR-25-1A	1569	01	
TR-25-1A	1570	01		TR-25-1A	1571	01		TR-25-1B	1572	01		TR-25-1B	1573	01	
TR-25-1B	1574	01		TR-25-1B	1575	01		TR-25-1B	1576	01		TR-25-2A	1577	01	
TR-25-2A	1578	01		TR-25-2A	1579	01		TR-25-2A	1580	01		TR-25-2A	1581	01	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
TR-25-2A(HVCB.	1582	01		TR-25-2B	1583	01		TR-25-2B	1584	01		TR-25-2B	1585	01	
TR-25-2B	1586	01		TR-25-2B(HVCB.	1587	01		TR-3303W	1588	01		TR-3303Z	1589	01	
TY-07-5B	1594	01		VARM-1616	1638	01		VM-1001	1639	01		VM-1002	1640	01	
VM-1606-1	1641	01		VM-1606D	1642	01		VM-1616-1	1643	01		VM-1616D	1644	01	
VM-942	1645	01		VM-954	1646	01		VM-964	1647	01		V2104	1648	01	
V2501 (FAI)	1649	01		V3613 SS	1691	01		V3614 SS	1693	01		V3623 SS	1694	01	
V3633 SS	1696	01		V3634 SS	1698	01		V3643 SS	1699	01		V3644 SS	1701	01	
V3651 SS	1703	01		V3652 SS	1705	01		WG COMPR 2A	1726	01		WHM-955D	1732	01	
WHM-965D	1733	01		WM-1606-1	1735	01		X-1	1736	01		X-2	1737	01	
X-3	1738	01		X-4	1739	01		X-5	1740	01		X-6	1741	01	
XD1-1	1742	01		XD1-2	1743	01		XD1-3	1744	01		XD1-4	1745	01	
XD1-5	1746	01		XD2-1	1747	01		XD2-2	1748	01		XD2-3	1749	01	
XD2-4	1750	01		XD2-5	1751	01		XD3-1	1752	01		XD3-2	1753	01	
XD3-3	1754	01		XD4-1	1755	01		XD4-2	1756	01		XD4-3	1757	01	
XD5-1	1758	01		XD5-2	1759	01		XD5-3	1760	01		XD6-1	1761	01	
XD6-2	1762	01		XD6-3	1763	01		ZI-3301	1765	01		ZI-3306	1766	01	
ZI-3512	1767	01		ZI-3523	1768	01		ZI-3536	1769	01		ZI-3539	1770	01	
ZI-3540	1771	01		ZI-3545	1772	01		ZI-3614	1773	01		ZI-3615	1774	01	
ZI-3616	1775	01		ZI-3617	1776	01		ZI-3624	1777	01		ZI-3625	1778	01	
ZI-3626	1779	01		ZI-3627	1780	01		ZI-3634	1781	01		ZI-3635	1782	01	
ZI-3636	1783	01		ZI-3637	1784	01		ZI-3644	1785	01		ZI-3645	1786	01	
ZI-3646	1787	01		ZI-3647	1788	01		ZI-3657	1789	01		2HVE-13A PB	1791	01	
2HVE-13B PB	1792	01		2HVE-41A SS	1793	01		2RV-1 SS	1808	01		ZS-25-100	1815	01	
ZS-25-102	1817	01		ZS-25-103	1818	01		ZS-25-104	1819	01		ZS-25-105	1820	01	
ZS-25-106	1821	01		ZS-25-107	1822	01		ZS-25-108	1823	01		ZS-25-109	1824	01	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
ZS-25-110	1826	01		ZS-25-111	1827	01		ZS-25-112	1828	01		ZS-25-113	1829	01	
ZS-25-21	1839	01		ZS-25-22	1840	01		ZS-25-23	1841	01		ZS-25-24	1842	01	
ZS-25-25	1843	01		ZS-25-26	1844	01		ZS-25-27	1845	01		ZS-25-28	1846	01	
ZS-25-29	1847	01		ZS-25-49	1876	01		ZS-25-51	1879	01		ZS-25-59	1901	01	
ZS-25-63	1907	01		ZS-25-72	1913	01		ZS-25-73	1914	01		ZS-25-98	1935	01	
ZS-25-99	1936	01		PY-1103	373	1		PY-1103-1	374	1		PY-1105	377	1	
PY-1105-1	378	1		PY-1106-1	380	1		PY-1105-1	1378	1		PY-1106	1379	1	
PY-1106-1	1380	1		PY-1102D-2	1372	1		PY-1103	1373	1		PY-1102D-1	1371	1	
PY-1104-1	1376	1		PY-1105	1377	1		PY-1103-1	1374	1		PI-8013B	1218	1	
PI-8013C	1219	1		PI-8013D	1220	1		PI-1107(,1)	1210	1		PI-1108	1211	1	
PI-1108(,1)	1212	1		PI-3304	1213	1		PI-3307	1214	1		PI-3308	1215	1	
PI-3309	1216	1		PI-8013A	1217	1		JKI-001C	0842	1		JKI-001D	0843	1	
JR-001A	0844	1		JR-001B	0845	1		JR-001C	0846	1		JR-001D	0847	1	
JR-012	0848	1		JY-001A	0849	1		JKI-001B	0841	1		JY-001B	0850	1	
B2G88	0137	03		B2G89	0138	03		B2G90	0139	03		B2G91	0140	03	
B2G87	0136	03		B2G92	0141	03		B258A	0169	03		B2725	0170	03	
B2756	0171	03		B257A	0168	03		B2198	0165	03		B2192	0161	03	
B2194	0162	03		B2195	0163	03		B2197	0164	03		B2166	0159	03	
B2191	0160	03		B215A	0158	03		CSP 2A PB	0343	03		FCV-25-29 PB	0449	03	
FCV-25-30 PB	0452	03		FCV-25-31 PB	0454	03		FCV-25-32 PB	0456	03		FCV-25-33 PB	0458	03	
FCV-25-34 PB	0460	03		FCV-3306 SS	0475	03		FCV-3301 SS	0473	03		2HVA/ACC-3A	2013	02	
2HVA/ACC-3A TH	2014	02		2HVA/ACC-3B	2015	02		2HVA/ACC-3C	2016	02		2HVA/ACC-3C TH	2017	02	
SE-07-4CM	2068	02		V1464 CM	2094	02		V5200 CM	2103	02		V5201 CM	2104	02	
V5202 CM	2105	02		H2 RMB 2A CP	1942	02		H2 RMB 2A PP	1943	02		H2 RMB 2B CP	1945	02	
H2 RMB 2B PP	1946	02		ZS-25-66	1910	02		ZS-25-67	1911	02		ZS-25-64	1908	02	

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION INDEX LIST CAPACITY: 890 MW(E)
REV # 3
SORTED BY:STATUS

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
ZS-25-65	1909	02		ZS-25-62	1906	02		ZS-25-60	1905	02		ZS-25-48	1875	02	
ZS-25-20	1838	02		2RV-3 SS	1810	02		2RV-4 SS	1811	02		MV-07-3	1812	02	
MV-07-4	1813	02		ZS-25-101	1816	02		2HVS-2A	1804	02		2HVS-2B	1805	02	
2RV-2 SS	1809	02		ZI-25-17	1764	02		WM-1606-1	1734	02		V5200 SS	1720	02	
V5201 SS	1721	02		V5202 SS	1722	02		V3480 SS	1672	02		V3481 SS	1674	02	
V3545 SS	1686	02		V2508	1652	02		V2508 PB	1653	02		V2509 (FAI)	1654	02	
V2509 PB	1655	02		V2514 PB	1656	02		TY-3351Y	1634	02		TY-3352X	1635	02	
TY-3352Y	1636	02		VARM-1606	1637	02		TY-1112CD	1602	02		TY-1112CD-1	1603	02	
TY-1112HA	1604	02		TY-1112HA-1	1605	02		TY-1112HB	1606	02		TY-1112HB-1	1607	02	
TY-1112HC	1608	02		TY-1112HC-1	1609	02		TY-1112HD	1610	02		TY-1112HD-1	1611	02	
TY-1115	1612	02		TY-1122CA	1613	02		TY-1122CA-1	1614	02		TY-1122CB	1615	02	
TY-1122CB-1	1616	02		TY-1122CC	1617	02		TY-1122CC-1	1618	02		TY-1122CD	1619	02	
TY-1122CD-1	1620	02		TY-1122HA	1621	02		TY-1122HA-1	1622	02		TY-1122HB	1623	02	
TY-1122HB-1	1624	02		TY-1122HC	1625	02		TY-1122HC-1	1626	02		TY-1122HD	1627	02	
TY-1125	1628	02		TY-3303W	1629	02		TY-3303X	1630	02		TY-3303Y	1631	02	
TY-3303Z	1632	02		TY-3351X	1633	02		TY-1112CB	1598	02		TY-1112CB-1	1599	02	
TY-1112CC	1600	02		TY-1112CC-1	1601	02		TY-1112CA	1596	02		TY-1112CA-1	1597	02	
TY-07-5B-1	1595	02		TR-3351	1590	02		TR-3352	1591	02		TY-07-3B	1592	02	
TY-07-3B-1	1593	02		TR-07-3B/5B	1563	02		STAT INVRT 2D	1470	02		STAT INVRT 2C	1469	02	
PY-1107	1381	02		PY-1107-1	1382	02		PY-1108	1383	02		PY-1108-1	1384	02	
PY-21-8A	1385	02		PY-21-8B	1386	02		PY-2212	1387	02		PY-3301	1388	02	
PY-3302	1389	02		PY-3304	1390	02		PY-3305	1391	02		PY-3306	1392	02	
PY-3307	1393	02		PY-3308	1394	02		PY-3309	1395	02		PY-8013A	1396	02	
PY-8013A-1	1397	02		PY-8013A-2	1398	02		PY-8013B	1399	02		PY-8013B-1	1400	02	
PY-8013B-2	1401	02		PY-8013C	1402	02		PY-8013C-1	1403	02		PY-8013C-2	1404	02	

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
PY-8013D	1405	02		PY-8013D-1	1406	02		PY-8013D-2	1407	02		PY-8023A	1408	02	
PY-8023A-1	1409	02		PY-8023A-2	1410	02		PY-8023B	1411	02		PY-8023B-1	1412	02	
PY-8023B-2	1413	02		PY-8023C	1414	02		PY-8023C-1	1415	02		PY-8023C-2	1416	02	
PY-8023D	1417	02		PY-8023D-1	1418	02		PY-8023D-2	1419	02		PY-8113	1420	02	
PY-8123	1421	02		RCP 2A1	1422	02		RCP 2A2	1423	02		RCP 2B1	1424	02	
RCP 2B2	1425	02		REAC TRIP SWGR	1434	02		RIS-26-3-2A	1435	02		RIS-26-4-2B	1436	02	
RIS-26-5-2C	1437	02		RIS-26-6-2D	1438	02		REAC TRIP SWGR	1432	02		REAC TRIP SWGR	1433	02	
REAC TRIP SWGR	1431	02		PY-1102C-1	1368	02		PY-1102C-2	1369	02		PY-1102B-2	1366	02	
PY-1102A-1	1362	02		PY-1102A-2	1363	02		PY-1102B-1	1365	02		PY-07-2A	1349	02	
PY-07-2A-1	1350	02		PY-07-2A-2	1351	02		PY-07-2B	1352	02		PY-07-2B-1	1353	02	
PY-07-2B-2	1354	02		PY-07-2C	1355	02		PY-07-2C-1	1356	02		PY-07-2C-2	1357	02	
PY-07-2D	1358	02		PY-07-2D-1	1359	02		PY-07-2D-2	1360	02		PS-25-12A	1302	02	
PS-25-12B	1305	02		PS-12-17B	1290	02		PS-12-17C	1291	02		PS-21-4A	1292	02	
PS-21-4B	1293	02		PS-21-4C	1294	02									

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
PENET D7	1960	03	C	PENET E3	1961	03	C	PENET D8	1959	03	C	PENET A8	1982	03	C
PENET B1	1983	03	C	PENET B2	1984	03	C	PENET B3	1985	03	C	PENET E1	1962	03	C
PENET E2	1963	03	C	PENET E10	1964	03	C	PENET D5	1965	03	C	PENET PLEP-1	1966	03	C
PENET ELEP-1	1967	03	C	PENET C10	1968	03	C	PENET D6	1969	03	C	SE-02-03	1954	03	C
SE-02-04	1955	03	C	SE-08-1	1956	03	C	SE-08-2	1957	03	C	ZS-25-36	1854	03	C
ZS-25-37	1855	03	C	ZS-25-38	1856	03	C	ZS-25-39	1857	03	C	ZS-25-3	1848	03	C
ZS-25-30	1849	03	C	ZS-25-13	1832	03	C	ZS-25-14	1833	03	C	ZS-25-12	1831	03	C
ZS-25-15	1834	03	C	ZS-25-16	1835	03	C	ZS-25-17	1836	03	C	ZS-25-2	1837	03	C
ZS-25-5	1877	03	C	ZS-25-50	1878	03	C	ZS-25-52	1880	03	C	ZS-25-55	1889	03	C
ZS-25-54	1886	03	C	ZS-25-53	1883	03	C	ZS-25-47	1872	03	C	ZS-25-46	1869	03	C
ZS-25-45	1866	03	C	ZS-25-4	1858	03	C	ZS-25-40	1859	03	C	ZS-25-41	1860	03	C
ZS-25-42	1861	03	C	ZS-25-43	1862	03	C	ZS-25-44	1863	03	C	ZS-25-58	1898	03	C
ZS-25-6	1904	03	C	ZS-25-57	1895	03	C	ZS-25-56	1892	03	C	ZS-25-77	1918	03	C
ZS-25-78	1919	03	C	ZS-25-79	1920	03	C	ZS-25-8	1921	03	C	ZS-25-75	1916	03	C
ZS-25-76	1917	03	C	ZS-25-74	1915	03	C	ZS-25-7	1912	03	C	ZS-25-80	1922	03	C
ZS-25-81	1923	03	C	ZS-25-82	1924	03	C	ZS-25-83	1925	03	C	ZS-25-84	1926	03	C
ZS-25-85	1927	03	C	ZS-25-88	1928	03	C	ZS-25-89	1929	03	C	ZS-25-9	1930	03	C
ZS-25-92	1931	03	C	ZS-25-93	1932	03	C	ZS-25-96	1933	03	C	WCSF-N SERIES	1937	03	C
ZS-25-97	1934	03	C	HCV-09-2B REL	1950	03	C	H2 ANLR SAMPLE	1951	03	C	SE-02-01	1952	03	C
SE-02-02	1953	03	C	HCV-09-1B REL	1948	03	C	HCV-09-2A REL	1949	03	C	HCV-09-1A REL	1947	03	C
H2 ANLR SYSTEM	1938	03	C	B/M D15 SERIES	1939	03	C	B/M D26 SERIES	1940	03	C	H2 RMB 2A	1941	03	C
H2 RMB 2B	1944	03	C	V6346 CM	2106	03	C	V6718 CM	2107	03	C	H2 RMB 2A CM	2108	03	C
H2 RMB 2B CM	2109	03	C	V2515 CM	2098	03	C	V2516 CM	2099	03	C	V2524 CM	2100	03	C
V3571 CM	2101	03	C	V3572 CM	2102	03	C	TE-1122HACM	2082	03	C	TE-1122HBCM	2083	03	C
TE-1122HCCM	2084	03	C	TE-1122HDCM	2085	03	C	TE-1125CM	2086	03	C	TE-07-3A CM	2087	03	C

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
TE-07-3B CM	2088	03	C	TE-07-5B CM	2089	03	C	V1460 CM	2090	03	C	V1461 CM	2091	03	C
V1462 CM	2092	03	C	V1463 CM	2093	03	C	V1465 CM	2096	03	C	V1466 CM	2097	03	C
V1464 CM	2095	03	C	FSE-27-14CM	2050	03	C	HCV-14-1CM	2051	03	C	HCV-14-2CM	2052	03	C
HCV-3618CM	2053	03	C	HCV-3628CM	2054	03	C	HCV-3638CM	2055	03	C	HCV-3648CM	2056	03	C
LCV-07-11ACM	2057	03	C	SE-02-1CM	2058	03	C	SE-02-2CM	2059	03	C	SE-02-3CM	2060	03	C
SE-02-4CM	2061	03	C	SE-03-1ACM	2062	03	C	SE-03-1BCM	2063	03	C	SE-03-1CCM	2064	03	C
SE-03-1DCM	2065	03	C	TE-1112HBCM	2074	03	C	TE-1112HCCM	2075	03	C	TE-1112HDCM	2076	03	C
TE-1115CM	2077	03	C	TE-1122CACM	2078	03	C	TE-1122CBCM	2079	03	C	TE-1122CCCM	2080	03	C
TE-1122CDCM	2081	03	C	TE-1112CBCM	2070	03	C	TE-1112CCCM	2071	03	C	TE-1112CDCM	2072	03	C
TE-1112HACM	2073	03	C	SE-03-2ACM	2066	03	C	SE-03-2BCM	2067	03	C	TE-1112CACM	2069	03	C
FCV-25-4CM	2042	03	C	FCV-25-20CM	2043	03	C	FSE-27-8CM	2044	03	C	FSE-27-9CM	2045	03	C
FSE-27-10CM	2046	03	C	FSE-27-11CM	2047	03	C	FSE-27-12CM	2048	03	C	FSE-27-13CM	2049	03	C
FCV-26-5CM	2038	03	C	FCV-23-6CM	2039	03	C	FCV-23-4CM	2040	03	C	FCV-25-3CM	2041	03	C
FCV-26-1CM	2036	03	C	FCV-26-3CM	2037	03	C	FCV-26-1CM	2035	03	C	HCV-25-7A	2026	03	C
V2524	2022	03	C	FCV-07-1A	2023	03	C	FCV-07-1B	2024	03	C	HCV-25-6A	2025	03	C
V2522	2020	03	C	V2523	2021	03	C	B/M D80 SERIES	2002	03	C	EHC-2HVE-6A2	2003	03	C
EHC-2HVE-6B1	2004	03	C	EHC-2HVE-6B2	2005	03	C	B/M D54 SERIES	2006	03	C	B/M D52 SERIES	2007	03	C
B/M D63 SERIES	2008	03	C	B/M D62 SERIES	2009	03	C	B/M D71 SERIES	2010	03	C	B/M D60 SERIES	2011	03	C
B/M D61 SERIES	2012	03	C	PENET B5	1986	03	C	PENET B6	1987	03	C	PENET B8	1988	03	C
PENET B9	1989	03	C	PENET C2	1990	03	C	PENET C4	1992	03	C	PENET C5	1993	03	C
PENET C6	1994	03	C	PENET C8	1996	03	C	PENET C9	1997	03	C	PENET D1	1998	03	C
PENET D2	1999	03	C	PENET D9	1970	03	C	PENET E4	1971	03	C	PENET E5	1972	03	C
PENET E7	1973	03	C	PENET E8	1974	03	C	PENET E9	1975	03	C	PENET A1	1976	03	C
PENET A2	1977	03	C	PENET A3	1978	03	C	PENET A4	1979	03	C	PENET A6	1980	03	C
PENET A7	1981	03	C	FCV-26-1	0466	03	C	FCV-26-2	0467	03	C	FCV-26-4	0469	03	C

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
FSE-27-11	0618	03	C	FSE-27-12	0619	03	C	FSE-27-13	0620	03	C	FSE-27-14	0621	03	C
FSE-27-15	0622	03	C	FSE-27-16	0623	03	C	FSE-27-17	0624	03	C	FSE-27-18	0625	03	C
FSE-27-10	0617	03	C	FSE-27-8	0626	03	C	FSE-27-9	0627	03	C	FT-09-2B2	0638	03	C
FT-09-2C1	0639	03	C	FT-09-2C2	0640	03	C	FT-1158	0641	03	C	FT-09-2A2	0636	03	C
FT-09-2B1	0637	03	C	FT-09-2A1	0635	03	C	FT-2212	0655	03	C	FT-1168	0642	03	C
FT-1178	0643	03	C	FT-1188	0644	03	C	HCV-15-1	0758	03	C	HCV-18-1	0759	03	C
HCV-3512	0760	03	C	HCV-3512 SS	0761	03	C	HCV-14-7	0754	03	C	HCV-3628	0769	03	C
HCV-3625 PB	0766	03	C	HCV-3618	0765	03	C	HCV-3615 PB	0762	03	C	HCV-14-2	0750	03	C
HCV-14-3A	0751	03	C	HCV-14-3B	0752	03	C	HCV-14-6	0753	03	C	HCV-09-2A	0746	03	C
HCV-09-2B	0747	03	C	HCV-14-1	0748	03	C	HCV-08-1A	0742	03	C	HCV-08-1B	0743	03	C
HCV-09-1A	0744	03	C	HCV-09-1B	0745	03	C	HCV-3635	0770	03	C	HCV-3636	0771	03	C
HCV-3637	0772	03	C	HCV-3638	0773	03	C	HCV-3646	0775	03	C	HCV-3647	0776	03	C
HCV-3648	0777	03	C	HCV-3657	0778	03	C	HCV-3657 SS	0779	03	C	EHC-2HVE-6A1	0781	03	C
HPSI P 2A	0782	03	C	HPSI P 2B	0783	03	C	HCV-3646	0798	03	C	HCV-3637	0796	03	C
HCV-3645	0797	03	C	HCV-3636	0795	03	C	HCV-3617	0790	03	C	FCV-26-5	0470	03	C
FCV-26-6	0471	03	C	FCV-3301	0472	03	C	FCV-25-6	0463	03	C	FCV-25-7	0464	03	C
FCV-25-8	0465	03	C	FCV-3306	0474	03	C	FCV-25-34	0459	03	C	FCV-25-4	0461	03	C
FCV-25-5	0462	03	C	FCV-25-33	0457	03	C	FCV-25-32	0455	03	C	FCV-25-31	0453	03	C
FCV-25-30	0451	03	C	FCV-25-12 PB	0433	03	C	FCV-23-3	0425	03	C	FCV-25-3	0450	03	C
FCV-25-13 PB	0435	03	C	FCV-23-5	0426	03	C	FCV-23-7	0427	03	C	FCV-23-9	0428	03	C
FCV-25-1	0429	03	C	FCV-25-11	0430	03	C	FCV-25-11 PB	0431	03	C	FCV-25-12	0432	03	C
FCV-25-26	0447	03	C	D-9B	0386	03	C	FCV-25-29	0448	03	C	FCV-25-2	0442	03	C
FCV-25-20	0443	03	C	FCV-25-21	0444	03	C	FCV-25-13	0434	03	C	D-3	0366	03	C
D-23	0363	03	C	D-24	0364	03	C	D-2	0359	03	C	D-15	0353	03	C
D-16	0354	03	C	D-13	0351	03	C	D-14	0352	03	C	CSP 2B	0344	03	C

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
CSP 2A	0342	03	C	D-1	0348	03	C	CSP 2B PB	0345	03	C	D-8B	0384	03	C
D-9A	0385	03	C	D-8A	0383	03	C	D-6A	0379	03	C	D-4	0375	03	C
CHGG P 2C PB	0185	03	C	CHGG P 2A	0180	03	C	QUALIFIED	0145	03	C	2HVE-6A	0142	03	C
2HVE-6B	0143	03	C	CHGG P 2A PB	0181	03	C	CHGG P 2B	0182	03	C	CHGG P 2B PB	0183	03	C
CHGG P 2C	0184	03	C	B2G32	0123	03	C	B2G30	0121	03	C	B2G31	0122	03	C
ZS-25-116	0043	03	C	ZS-25-117	0044	03	C	ZS-25-58	0098	03	C	AUX FWP 2A PB	0093	03	C
AUX FWP 2B	0094	03	C	AUX FWP 2B PB	0095	03	C	BA M-U P 2B	0106	03	C	BA M-U P 2A	0103	03	C
POLYWATER	0021	03	C	RD-26-41	0019	03	C	CPL/BISHOP 45	0020	03	C	RD-26-40	0018	03	C
HCV-25-5A	0061	03	C	AUX FWP 2A	0092	03	C	FCV-26-3	0045	03	C	FCV-26-5	0046	03	C
LCV-07-11A	0047	03	C	LCV-07-11B	0048	03	C	FCV-26-04	0049	03	C	FCV-26-02	0050	03	C
FCV-26-6	0051	03	C	HCV-25-1	0052	03	C	HCV-25-1A	0053	03	C	HCV-25-2	0054	03	C
HCV-25-2A	0055	03	C	HCV-25-3	0056	03	C	HCV-25-3A	0057	03	C	HCV-25-4	0058	03	C
HCV-25-4A	0059	03	C	HCV-25-5	0060	03	C	ZS-25-18	0029	03	C	ZS-25-19	0030	03	C
ZS-25-120	0031	03	C	ZS-25-121	0032	03	C	ZS-25-122	0033	03	C	ZS-25-123	0034	03	C
ZS-25-118	0035	03	C	ZS-25-119	0036	03	C	ZS-25-94	0041	03	C	ZS-25-95	0042	03	C
SE-05-1B	0005	03	C	SE-05-1C	0006	03	C	SE-05-1D	0007	03	C	SE-05-1E	0008	03	C
SE-09-2	0009	03	C	SE-09-3	0010	03	C	SE-09-4	0011	03	C	SE-09-5	0012	03	C
SE-05-1A	0004	03	C	HCV-3625	0791	03	C	HCV-3626	0792	03	C	HCV-3627	0793	03	C
HCV-3615	0788	03	C	LPSI P 2A	0865	03	C	LCV-07-11A	0851	03	C	LCV-07-11B	0852	03	C
LPSI P 2A PB	0866	03	C	LPSI P 2B	0867	03	C	LPSI P 2B PB	0868	03	C	LS-06-1A	0874	03	C
LS-06-1B	0875	03	C	LT-1110X	0910	03	C	LT-1110Y	0911	03	C	LT-9013A	0913	03	C
LT-1104	0908	03	C	LT-1105	0909	03	C	LT-9013B	0914	03	C	LT-9013C	0915	03	C
LT-9013D	0916	03	C	LT-9023A	0917	03	C	LT-9023B	0918	03	C	LT-9023C	0919	03	C
LT-9023D	0920	03	C	LT-9113	0921	03	C	LT-9123	0922	03	C	MV-07-2B PB	1022	03	C
MV-08-1A	1023	03	C	MV-08-1A PB	1024	03	C	MV-08-1B	1025	03	C	MV-07-2A PB	1020	03	C

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
MV-07-2B	1021	03	C	MV-07-2A	1019	03	C	MV-08-1B PB	1026	03	C	MV-08-12	1027	03	C
MV-08-12 PB	1028	03	C	MV-08-13	1029	03	C	MV-08-13 PB	1030	03	C	MV-08-14	1031	03	C
MV-08-14 SEL S	1032	03	C	MV-08-14 STR	1033	03	C	MV-08-15	1034	03	C	MV-08-15 SEL S	1035	03	C
MV-08-15 STR	1036	03	C	MV-08-16	1037	03	C	MV-08-16 SEL S	1038	03	C	MV-08-17	1039	03	C
MV-08-17 SEL S	1040	03	C	MV-08-18A	1041	03	C	MV-09-10 PB	1050	03	C	MV-09-11	1051	03	C
MV-09-11 PB	1052	03	C	MV-09-12	1053	03	C	MV-09-12 PB	1054	03	C	MV-09-13	1055	03	C
MV-09-13 PB	1056	03	C	MV-09-14	1057	03	C	MV-08-18B	1042	03	C	MV-08-19A	1043	03	C
MV-08-19A STR	1044	03	C	MV-08-19B	1045	03	C	MV-08-19B STR	1046	03	C	MV-08-3	1047	03	C
MV-09-10	1049	03	C	MV-14-11	1066	03	C	MV-14-11 PB	1067	03	C	MV-14-12	1068	03	C
MV-14-12 PB	1069	03	C	MV-14-13	1070	03	C	MV-14-13 PB	1071	03	C	MV-14-14	1072	03	C
MV-14-14 PB	1073	03	C	MV-14-10	1064	03	C	MV-14-10 PB	1065	03	C	MV-09-9	1060	03	C
MV-09-9 PB	1061	03	C	MV-09-14 PB	1058	03	C	MV-14-15	1074	03	C	MV-14-15 PB	1075	03	C
MV-14-16	1076	03	C	MV-14-16 PB	1077	03	C	MV-14-17	1078	03	C	MV-14-17 SS	1079	03	C
MV-14-18	1080	03	C	MV-14-18 SS	1081	03	C	MV-14-20	1086	03	C	MV-14-20 SS	1087	03	C
MV-14-19	1082	03	C	MV-14-19 SS	1083	03	C	MV-14-9	1092	03	C	MV-14-9 PB	1093	03	C
PDT-1111B	1146	03	C	PDT-1111C	1147	03	C	PDT-1111D	1148	03	C	PDT-1121A	1149	03	C
PDT-1121B	1150	03	C	PDT-1121C	1151	03	C	PDT-1121D	1152	03	C	PDT-1111A	1145	03	C
PDT-25-14B	1158	03	C	PDT-25-14A	1157	03	C	PENET E6	1194	03	C	PENET B7	1190	03	C
PENET C7	1192	03	C	PENET D3	1193	03	C	PENET B4	1189	03	C	PT-07-2A	1306	03	C
PT-07-2B	1307	03	C	PT-07-2C	1308	03	C	PT-07-2D	1309	03	C	PT-08-1A	1310	03	C
PT-08-1B	1311	03	C	PT-08-3A	1312	03	C	PT-08-3B	1313	03	C	PT-8013D	1342	03	C
PT-8023A	1343	03	C	PT-8023B	1344	03	C	PT-8023C	1345	03	C	PT-8013B	1340	03	C
PT-8013C	1341	03	C	PT-8013A	1339	03	C	PT-2212	1330	03	C	PT-08-5	1314	03	C
PT-09-8A	1315	03	C	PT-09-8B	1316	03	C	PT-09-8C	1317	03	C	PT-1102A	1318	03	C
PT-1102B	1319	03	C	PT-1102C	1320	03	C	PT-1102D	1321	03	C	PT-1103	1322	03	C

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
PT-1104	1323	03	C	PT-1105	1324	03	C	PT-1106 .	1325	03	C	PT-1107	1326	03	C
PT-1108	1327	03	C	PT-8023D	1346	03	C	PT-8113	1347	03	C	PT-8123	1348	03	C
B/M D9 SERIES	1375	03	C	RD-26-3	1426	03	C	RD-26-4	1427	03	C	RD-26-5	1428	03	C
RD-26-6	1429	03	C	SE-03-1B	1440	03	C	SE-03-1C	1441	03	C	SE-03-1A	1439	03	C
SE-03-1D	1442	03	C	SE-03-2A	1443	03	C	SE-03-2B	1444	03	C	TE-1112CA	1522	03	C
TE-1112CB	1523	03	C	TE-1112CC	1524	03	C	TE-1112CD	1525	03	C	TE-1112HA	1526	03	C
TE-1112HB	1527	03	C	TE-1112HC	1528	03	C	TE-1112HD	1529	03	C	TE-1115	1530	03	C
TE-1121X	1531	03	C	TE-1121Y	1532	03	C	TE-1122CA	1533	03	C	TE-1122CB	1534	03	C
TE-1122CC	1535	03	C	TE-1122CD	1536	03	C	TE-1122HA	1537	03	C	TE-1111X	1520	03	C
TE-1111Y	1521	03	C	TE-1122HB	1538	03	C	TE-1122HC	1539	03	C	TE-1122HD	1540	03	C
TE-1125	1541	03	C	TE-3303W	1542	03	C	TE-3303X	1543	03	C	TE-3303Y	1544	03	C
TE-3303Z	1545	03	C	TE-3351X	1546	03	C	TE-3351Y	1547	03	C	TE-3352X	1548	03	C
TE-3352Y	1549	03	C	V2516	1658	03	C	V2525	1659	03	C	V2525 PB	1660	03	C
V2553	1661	03	C	V2553 PB	1662	03	C	V2554	1663	03	C	V2554 PB	1664	03	C
V2555	1665	03	C	V2515	1657	03	C	V2504	1650	03	C	V2504 PB	1651	03	C
V3634	1697	03	C	V3624	1695	03	C	V3614	1692	03	C	V3572	1690	03	C
V3539	1682	03	C	V3539 SS	1683	03	C	V3540 SS	1684	03	C	V3545	1685	03	C
V3551 SS	1688	03	C	V3571	1689	03	C	V3550 SS	1687	03	C	V3517 SS	1678	03	C
V3523 SS	1679	03	C	V3536	1680	03	C	V3536 SS	1681	03	C	V3496 SS	1676	03	C
V3517	1677	03	C	V3495 SS	1675	03	C	V2555 PB	1666	03	C	V3456	1667	03	C
V3456 SS	1668	03	C	V3457	1669	03	C	V3457 SS	1670	03	C	V3480	1671	03	C
V3481	1673	03	C	V3654	1706	03	C	V3654 SS	1707	03	C	V3656	1708	03	C
V3656 PB	1709	03	C	V3658	1710	03	C	V3658 SS	1711	03	C	V3659	1712	03	C
V3659 SS	1713	03	C	V3652	1704	03	C	V3651	1702	03	C	V3644	1700	03	C
V5204 SS	1724	03	C	V5205 SS	1725	03	C	V5203 SS	1723	03	C	V3660	1714	03	C

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
V3660 SS	1715	03	C	V3664	1716	03	C	V3664 SS	1717	03	C	V3665	1718	03	C
V3665 SS	1719	03	C	2HVE-10B PB	1790	03	C	2HVE-6A PB	1794	03	C	2HVE-6B PB	1795	03	C
2HVE-9A	1796	03	C	2HVE-9A PB	1797	03	C	2HVE-9B	1798	03	C	2HVE-9B PB	1799	03	C
2HVS-1A	1800	03	C	2HVS-1B	1801	03	C	2HVS-4A	1806	03	C	2HVS-4B	1807	03	C
2HVS-1C	1802	03	C	2HVS-1D	1803	03	C	ZS-25-11	1825	03	C	ZS-25-10	1814	03	C
ZS-25-31	1850	03	C	ZS-25-32	1851	03	C	ZS-25-33	1852	03	C	ZS-25-35	1853	03	C

A/E: EBASCO SERVICES INC. FACILITY: ST. LUCIE NO. 2 NSSS: COMBUSTION ENG. - PWR
UTILITY: FLORIDA POWER & LIGHT COMPONENT EVALUATION INDEX LIST CAPACITY: 890 MW(E)

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
V3523 (LC) FAI	2128	03	D												

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
V6718(F.C)	2129	03	N	V2514 (FAI)	2124	03	N	V3540 (LC) FAI	2125	03	N	LT-07-13A	2120	03	N
LT-07-13B	2121	03	N	V3550 (LC) FAI	2126	03	N	V3551 (LC) FAI	2127	03	N	TE-07-3A	2110	03	N
TE-07-3B	2111	03	N	TE-07-5A	2112	03	N	LT-07-14A	2122	03	N	TE-07-5B	2113	03	N
V-5200	2146	03	N	V-5201	2147	03	N	V-5202	2148	03	N	V-5203	2149	03	N
V-5204	2150	03	N	V-5205	2151	03	N	V-3733	2152	03	N	V-3734	2153	03	N
V-3735	2154	03	N	V-3736	2155	03	N	V-3737	2156	03	N	V-3738	2157	03	N
V-3739	2158	03	N	V-3740	2159	03	N	V-6341	2160	03	N	V-6718	2161	03	N
V-6750	2162	03	N	V-6741	2163	03	N	SE-17-1A	2164	03	N	SE-17-1B	2166	03	N
SE-17-2B	2167	03	N	SE-07-5A	2168	03	N	SE-07-5E	2169	03	N	2L-7A	2170	03	N
2L-7B	2171	03	N	V-1476	2172	03	N	V1427	2173	03	N	V3550	2174	03	N
V3551	2175	03	N	V3523	2176	03	N	V3454	2177	03	N	V3495	2178	03	N
V3611	2179	03	N	V3621	2180	03	N	V3631	2181	03	N	V3641	2182	03	N
V3611	2183	03	N	V3611	2184	03	N	V3621	2185	03	N	V3631	2186	03	N
V6750(F.C)	2130	03	N	V1474	2131	03	N	V1475	2132	03	N	V1460	2133	03	N
V1461	2134	03	N	V1462	2135	03	N	V1464	2136	03	N	V1465	2137	03	N
V1466	2138	03	N	V2514	2139	03	N	V1463	2140	03	N	V2505	2141	03	N
V2650	2142	03	N	V2512	2143	03	N	V2651	2144	03	N	V3540	2145	03	N
HCV-25-6	2114	03	N	HCV-25-7	2115	03	N	FCV-23-6(,F.C.	2116	03	N	LE-07-14A	2117	03	N
LE-07-13A	2118	03	N	LE-07-13B	2119	03	N	SE-17-1B		03	N	PDIC-25-23B1	2123		N

TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS	TAG #	CES#	REV.	STATUS
HCV-14-6	0025	02	R	HCV-14-7	0026	02	R	HCV-14-1	0024	02	R	CBL D9-5	0017	02	R
AUX FWP 2C	0091	02	R	ANNW-A-12	0085	02	R	BA CNDS P 2A	0099	02	R	BA CNDS P 2A S	0100	02	R
ANNW P-10	0081	02	R	ANNW R-33	0082	02	R	ANNW R-52	0083	02	R	ANNW-A-10	0084	02	R
CBL D9-1	0013	02	R	CBL D9-2	0014	02	R	CBL D9-3	0015	02	R	CBL D9-4	0016	02	R
B2D29	0111	02	R	B2D50	0112	02	R	BA CNDS P 2B	0101	02	R	BA CNDS P 2B S	0102	02	R
BA M-U P 2A SP	0104	02	R	BA M-U P 2B SP	0107	02	R	AUX FWP 2C	0096	02	R	B2G13	0120	02	R
B2R79	0150	02	R	B2R75	0146	02	R	CS-614	0299	02	R	CVCS HT XFMR 2	0346	02	R
CVCS HT XFMR 2	0347	02	R	FCV-03-1B(FC)	0416	02	R	FCV-03-1B SS	0417	02	R	ES-89	0410	02	R
CS-2/576	0411	02	R	ES-86	0406	02	R	ES-86	0407	02	R	ES-87	0408	02	R
ES-88	0409	02	R	FCV-26-3	0468	02	R	FCV-03-1C(FC)	0418	02	R	FCV-03-1C SS	0419	02	R
FCV-03-1D(FC)	0420	02	R	FCV-03-1D SS	0421	02	R	FCV-03-1E(FC)	0422	02	R	FCV-03-1A(FC)	0414	02	R
FCV-03-1A SS	0415	02	R	FR-09-2C	0575	02	R	FS-25-10A	0589	02	R	FR-09-2B/ZE	0574	02	R
HCV-14-9(,F.C.	0757	02	R	HCV-14-10(,F.C	0749	02	R	HCV-3616 PB	0763	02	R	HCV-3617 PB	0764	02	R
HCV-3626(FAI)	0767	02	R	HCV-3627(FAI)	0768	02	R	HCV-14-8B(,F.C	0756	02	R	HCV-3616	0789	02	R
HCV-3635	0794	02	R	HCV-3647	0799	02	R	FCV-03-1E SS	0423	03	R	HCV-3645 (FAI)	0774	03	R
PENET C3	1191	03	R	PENET D3	2000	03	R	PENET C7	1995	03	R	PENET C3	1991	03	R
SE-03-1E.....	1958	02	R	QUALIFIED COND	2001	02	R	FCV-07-1A	2018	02	R	FCV-07-1B	2019	02	R
FCV-07-1A(,N.C	2027	02	R	FCV-07-1B(,N.C	2028	02	R	FCV-07-1A(,N.C	2029	02	R	FCV-07-1B(,N.C	2030	02	R
ZS-25-58A	1899	02	R	ZS-25-59A	1902	02	R	ZS-25-59B	1903	02	R	ZS-25-58B	1900	02	R
ZS-25-44A	1864	02	R	ZS-25-44B	1865	02	R	ZS-25-45A	1867	02	R	ZS-25-55A	1890	02	R
ZS-25-55B	1891	02	R	ZS-25-56A	1893	02	R	ZS-25-56B	1894	02	R	ZS-25-57A	1896	02	R
ZS-25-57B	1897	02	R	HCV-25-6A	2031	02	R	FCV-07-1A(,N.C	2032	02	R	FCV-07-1A(,N.C	2033	02	R
FCV-07-1B(,N.C	2034	02	R	WG COMPR 2A TB	1728	02	R	WG COMPR 2B	1729	02	R	WG COMPR 2A SS	1727	02	R
WG COMPR 2B SS	1730	02	R	WG COMPR 2B TB	1731	02	R	ZS-25-114	1830	02	R	ZS-25-47B	1874	02	R
ZS-25-54B	1888	02	R	ZS-25-52A	1881	02	R	ZS-25-45B	1868	02	R	ZS-25-46A	1870	02	R

